

**Tamara N. Hamilton**

Co-Principal Investigator and Project Director, Upstate Louis Stokes Alliance for Minority Participation (ULSAMP)

Director, Syracuse University LSAMP

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**Education**

**Syracuse University**

January 2018-present: Doctoral Student, Higher Postsecondary Education. Dissertation Advisor: Dr. Dawn Johnson

**University of Maryland, College Park, MD**

November 2007: Certificate of Completion, Leadership Development Institute, ten-week management training program.

August 2006: Master of Arts, Education Leadership and Policy Studies, Specialization on Higher Education, additional coursework in K-12 education.

Master's Seminar Paper Topic: The Relationship between the Financial Aid Package and Persistence for African American College Students. Faculty Advisor: Dr. Jeffrey Milem

December 1999: Bachelor of Arts, College of Behavioral and Social Sciences, African American Studies

**Professional Experience**

**Syracuse University, Syracuse, NY**

**Co-Principal Investigator and Project Director, ULSAMP,**

**Director, Syracuse University LSAMP,**

**November 2012-present**

Direct the day-to-day operations of the Upstate LSAMP, a partnership between seven institutions in New York for approximately 3,600 eligible underrepresented minority (URM) science, technology, engineering, mathematics (STEM) students; Responsibilities include hosting board meetings, managing the finances and programming for the alliance, and developing and submitting reports to the sponsor; Responsible for ensuring ULSAMP achieves 5-year goals; Communicate with ULSAMP alliance partners to ensure compliance with NSF guidelines; Create new collaborations and meet with various stakeholders to establish new partnerships for the alliance and SU program; Strengthen branding of ULSAMP to increase visibility locally and nationally; Manage SU LSAMP program for approximately 700 eligible URM STEM students; Initiatives include research experiences, academic enrichment seminars, leadership opportunities, and professional conference support.

**University of Maryland, College Park, MD**

**Assistant Director, Center for Minorities in Science and Engineering (CMSE), September 2008-November 2012**

**Program Director, LSAMP Program, September 2006-August 2008**

**Program Coordinator, CMSE, February 2000-August 2006**

Direct all aspects of the LSAMP retention programs for approximately 150 students in the STEM majors; Initiatives include freshman bridge program, undergraduate research program, graduate fellowship program, professional conference support, and alumni outreach; Develop new retention initiatives to support undergraduate and graduate students in School of Engineering, Hire, supervise, train and evaluate all LSAMP staff which includes a graduate assistant, 3 instructors and 8 undergraduate student workers; Serve on management team of CMSE; Participate in strategic planning process; Represent Director at various campus meetings; Set goals and objectives annually for the LSAMP Program; Complete program evaluations and submit reports to NSF.; Make recommendations for program improvement; Cultivate on-going relationships with corporate and alumni donors to solicit sponsorship for programs.; Participate in annual fundraising campaign of approximately \$75,000 for awards banquet, summer programs, and other CMSE initiatives; Actively write and submit grants to increase funding for programs; Direct the LSAMP budget and manage 10 financial accounts; Ensure financial integrity and establish preventive measures for audits; Provide monthly updates to PI; Communicate with LSAMP alliance partners to ensure compliance with NSF guidelines; Update social media sites to disseminate program information; Serve as a liaison to community organizations to create new partnerships; Teach first-year seminar for LSAMP students; Assist with planning K-12 outreach and recruitment events for CMSE; Work with STEM faculty to collaborate on initiatives to ensure students' successful completion of degree programs.

**Teaching Experience**

**Syracuse University, Syracuse, NY**

**School of Education**

HED 721: College Student Development I (Teaching Assistant)

**University of Maryland, College Park, MD**

**A James Clark School of Engineering**

ENES 107: Achieving College Excellence

ENES 108: Achieving College Success: First Year Transition

**College of Computer, Mathematical and Physical Sciences**

CMPS 299: Special Topics

CMPS 299T: Bridge: 1<sup>st</sup> Year Transition

**Related Experience**

**National Society of Black Engineers Pre-College Initiative, Syracuse, NY**

**Consultant, July 2013-present**

Represent Syracuse University on the NSBE PCI Advisory Board; Provide STEM programming for pre-college students; Recommendations for program improvement.

**Garden State LSAMP Program, Rutgers University, New Brunswick, NJ  
Consultant, January-March 2010**

Presented workshop on LSAMP Program to 30-40 administrators in the alliance; Facilitated roundtable discussions for administrators to assist with STEM programming.

**Maryland Math, Engineering, Science Achievement Program (MESA), Prince George's  
County Regional Center, Laurel, MD**

**Program Evaluator, September 2005 -May 2006**

Completed evaluation to study the relationship between MESA's objectives and program outcomes; Analyzed quantitative data on participants and facilitated interviews with administrators and board members; Created and published Regional Center's annual report; Submitted recommendations to administrators for future K-12 programs.

**Scholarly Work**

**Refereed Conference Papers**

Hamilton, T. and Parker, R. (2010, April). *UMCP LSAMP: 15 Years of Successful Retention and Graduation of Underrepresented Minority Students*. Paper presented at the NAMEPA/WEPAN National Conference, Baltimore, MD.

**Refereed Presentations**

Hamilton, T. (2018, Feb.). *Upstate Louis Stokes Alliance for Minority Participation*. Talk presented at the Science and Engineering for Social Good Conference, Atlanta, GA.

Hamilton, T., Harrison, D. and Wagstaff, T. (2014, Oct.) *Initiatives for Community College Students*. Session presented at the Louis Stokes Midwest Center for Excellence Conference, Chicago, IL.

Hamilton, T. and Wagstaff, T. (2013, Oct.). *Upstate Louis Stokes Alliance for Minority Participation*. Poster presented at the Louis Stokes Midwest Center for Excellence Conference, Indianapolis, IN.

Hamilton, T. (2011, Oct.). *Bridging the Gap between High School and College: Are High Schools Preparing Students to Be Successful in Engineering Programs?* Case study presented at NAMEPA Region A Conference, New Brunswick, NJ.

Hamilton, T. and Carter, J. (2005, April). *Collaborative Initiatives for Underrepresented Student Retention and Graduation*. Session presented at the WEPAN/NAMEPA National Conference, Las Vegas, NV.

**Invited Presentations**

Hamilton, T. (2020, August). *Rethinking Programming in COVID-19*. Webinar presented to the membership of the National Association of Multicultural Engineering Program Advocates, Inc.

Campos, N., Coover, G., Davis-Lowe, E., Hamilton, T., Morales, B., & Williams, F. (2019, October). *LSAMP Alliance Management: Scaling Out Best Practices*. Session presented at the Louis Stokes Midwest Regional Center of Excellence Annual Conference, Indianapolis, IN.

Hamilton, T. (2018, February) *Upstate Louis Stokes Alliance for Minority Participation*. Session presented at the Science and Engineering for Social Good Conference, Atlanta, GA.

Hamilton, T. (2015, July) *Why Graduate School?* Presentation given as part of SYNERGY Internship Program. Syracuse, NY.

Hamilton, T. (2014, Nov.) *Initiatives for Community College Students*. Session presented at the NAMEPA National Conference, San Jose, CA.

Hamilton, T. and Hernandez, S. (2013, Oct). *Funding for Graduate School*. Session presented at the GEM GRAD Lab, Rochester Institute of Technology, Rochester, NY.

Hamilton, T. (2013, April). *Funding for Graduate School*. Panelist at Indiana LSAMP Student Conference, West Lafayette, IN.

## **Grants**

### **National Science Foundation**

Upstate New York LSAMP: Strengthening the Pipeline Between Two and Four Year Institutions, Principal investigator: M. Wheatly; co-principal investigators: **T. Hamilton**, D. Johnson, A. Costello Staniec, J. White; awarded \$4,000,000, September 2017-August 2022.

Upstate Louis Stokes Alliance for Minority Participation, Principal investigator: E. Spina; co-principal investigators: E. Boyd, A. Costello Staniec, **T. Hamilton**, J. Wiles; awarded \$2,504,432, September 2012-August 2017.

Bridge to the Doctorate at UMCP, 2012-2014, F. Hrabowski III; co-principal investigators: C. Hill, **T. Hamilton** & R. Parker; awarded \$987,000, September 2012-August 2014.

University System of Maryland, Louis Stokes Alliance for Minority Participation, 2010-2015 (Senior-Level Alliance Project), Principal investigator: F. Hrabowski III; co-principal investigator: C. Hill; senior personnel: **T. Hamilton** & R. Parker; awarded \$2,000,000, May 2011-April 2016.

2010-2012 Bridge to the Doctorate at UMCP, Principal Investigator: F. Hrabowski III; co-principal investigators: C. Hill, **T. Hamilton** & R. Parker; awarded \$987,000, August 2010-July 2012.

2008 - University of Maryland System Bridge to the Doctorate - Cohort III, Principal Investigator: F. Hrabowski III; co-principal investigators: C. Hill, **T. Hamilton** & R. Parker; awarded \$987,000, August 2008-July 2010.

2006 - University of Maryland System Bridge to the Doctorate - Cohort II, Principal Investigator: F. Hrabowski III; co-principal investigator: C. Hill; senior personnel: J. Carter; campus directors: **T. Hamilton** & R. Parker; awarded \$987,000, August 2006-July 2008. (supplemental grant to HRD-0503332)

### **National Grid**

Syracuse University, January 2019, Upstate Louis Alliance for Minority Participation: \$2,500

### **Syracuse City School District**

Syracuse University, July 1, 2019-August 31, 2020, LSAMP/NSBE Science Camp 2019: \$34,500

Syracuse University, July-August 2018, LSAMP/NSBE Science Camp: \$34,500

Syracuse University, July-August 2017, LSAMP/NSBE Science Camp: \$34,500

Syracuse University, July 2016, LSAMP/NSBE Science Camp: \$34,500

Syracuse University, July 2015, LSAMP/NSBE Science Camp: \$34,000

Syracuse University, June 2013-June 2015, National Grid NSBE/LSAMP Science Camp: \$70,000

### **Monroe Community College**

Syracuse University, June 2017, Summer Research Scholars: \$9,000

### **ExxonMobil Corporation**

University of Maryland, College Park, March 2012, Bridge Program for Scientists and Engineers: \$10,000

### **Central Intelligence Agency**

University of Maryland, College Park, April 2009, Student Recognition and Alumni Banquet: \$5,000

University of Maryland, College Park, April 2008, Student Recognition and Alumni Banquet: \$5,000

### **Awards and Recognitions**

#### **National Society of Black Engineers**

NSBE/ExxonMobil Impact Award (2012)

Award given to institutions for significant accomplishments in the retention of underrepresented minority students.

#### **University of Maryland, College Park**

Research Leader (2006, 2008, 2010)

Annual recognition given by Vice President of Research for individuals who received \$500K or more in research dollars in one year.

**National Association of Multicultural Engineering Program Advocates (NAMEPA), Inc.**  
Outstanding Region Chair Award (2009)

**Professional and Service Activities**

***University***

**Syracuse University, Syracuse, NY**

Future Faculty Program (FPP), (2020-present)

Member, SOE Diversity Committee, (2018-present)

CAASD Representative on the SOE Dean's Council, (2018-2019)

National Society of Black Engineers (NSBE) Collegiate Chapter Advisor, (2013-present)

Posse Atlanta 3 Program Mentor, (2014-2019)

Upstate New York Diversity Summit Co-Chair, (2014-2017)

**University of Maryland, College Park, MD**

Advising Community Forum (2008-2012)

Clark School of Engineering Advising Committee (2000-2012)

Clark School of Engineering Scholarship Committee (2008-2012)

***Professional***

**INROADS New York/New Jersey Region**

Board Member (2016-2017)

**National Association of Multicultural Engineering Program Advocates (NAMEPA), Inc.**

National Secretary and Board Member, (2018-present)

Reviewer, The Collaborative Network for Engineering and Computing Diversity (CoNECD) Conference, (2018-present)

National Membership Co-Chair and Board Member, (2017-2018)

Special Task Force: Student Research and Professional Development (2015-2016)

National Membership Chair and Board Member, (2010-2013)

Chair, Region A (2008-2010)

Chair-Elect, Region A (2006-2008)

Treasurer, Region A (2002-2006)

Member (2000-present)

***Community***

**Alumni Chapter Board, College of Behavioral and Social Sciences, University of Maryland, College Park, MD**

Board Liaison to African-American Studies Department (2011-2016)

Co-chair, Diversity Sub-committee (2012-2014)

Member (2011-2016)

**Alpha Kappa Alpha Sorority, Inc., Iota Nu Omega Chapter, Syracuse, NY**

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Vice President (2017-present)  
Corresponding Secretary (2020-present)  
Protocol Chairman (2018-present)  
Educational Advancement Foundation Chairman (2017-2018)  
One Million Backpacks Chairman (2017-2018)  
Member (2016-present)

**Lambda Kappa Mu Sorority, Inc. Xi Chapter, Syracuse, NY**  
Scholarship Chair (2015-2016)  
2<sup>nd</sup> Vice President and Membership Chair (2014-2018)  
Member (2014-present)

**Lincoln Middle School**  
Mentor (2017-2018)

**National Council of Negro Women, Inc.**  
Member, Mitchellville/Bowie Section (2006-2012)  
    Financial Secretary (2008-2012)  
    President (2012)  
Member, Syracuse Section (2012-2014)

**Syracuse City School District NSBE Jr. Chapter, NY**  
Co-advisor, (2013-present)  
Math Counts middle school Coach (2013-2014)