



Stony Brook
University

Center for
Inclusive Education

2011-2012 ANNUAL REPORT

Preamble: In the 2011-2012 academic year, the Center worked to build on past successes to improve core activities and develop new activities to remain competitive and relevant at the national level. We served as a resource and catalyst for the recruitment, retention and professional/career development of underrepresented minority graduate students. Students, faculty, staff and even alumni were engaged in the design, implementation and assessment of programmatic activities. The CIE is dedicated to ensuring that our students are successful in their academic endeavors and that they are supported in ways that enable them to meet their academic goals and make timely progress towards their degree. We accomplish this through a combination of community building activities, direct financial support, tutoring, mentoring, and other programs designed to help our students succeed. **Nina will write this preamble.**

Stated Goal Per 2011-2012 CIE Plan	Actions Taken
<p>Host monthly events to foster a strong sense of academic, social and professional development support within the CIE community.</p>	<ol style="list-style-type: none"> 1) This year’s W. Burghardt Turner Annual Welcome Dinner was held at the historic Three Village Inn in Stony Brook on October 5, 2012. 130 people attended, 20 new Turner Fellows were recognized, and guest speaker and Turner alumna Michelle Juarez kicked off the Turner Alumni Speaker Series by giving a presentation entitled “Stony Brook: Dichos from a Ph.D.” 2) The CIE hosts a variety of Community Building Events, including: <ul style="list-style-type: none"> ○ Annual Photo Day – 29 students participated and the photo was used for the CIE holiday card mailed to the campus community as well as CIE alumni ○ Doctorial Hooding Day Brunch ○ Post-Doc Appreciation Luncheon – 21 attendees ○ Welcome BBQ 40 participants ○ Reception for Dr. Joann Handelsman Provost Lecture Series Speaker - 25 attendees ○ Holiday and End of the Year Celebrations ○ Breakfast and lunch socials 3) 20 students participated in this year’s Community of Student Mentors Program, in which advanced students meet regularly with a first- or second-year student to assist them in transitioning successfully to the rigors of graduate school life. A kickoff event was held in the Center on October 26, 2011 with 15 students in attendance.

Organize activities, workshops and seminars that will enhance the knowledge, skills, motivation and overall competitiveness of our CIE students.

- 1) The CIE held seven (7) scholarly/scientific talks throughout the year as part of our ongoing **Research Café Series**, which provides a forum for Center students to present their research to the CIE and larger university communities this year. We yielded an average attendance of 15 students.
 - September: Lori Gallegos de Castillo, Philosophy, “Autonomous Endorsement and the Sources of Normativity”
 - October: Noel Carrascal, Applied Mathematics and Statistics, “Structural and energetic determinants of function in the heterotrimeric G-protein”
 - December: Marcus Brock, Cultural Analysis & Theory, “‘Mustache’: Re-Imaging Mainstream Queer [sub]Culture and Socio-Racial Constructs”
 - January: Cindy Leiton, Molecular and Cellular Pharmacology, “Are matrix metalloproteinases involved in oligodendrocyte development?”
 - March: Onika Murray, Molecular and Cellular Pharmacology, “Phospho-sulindac Inhibits Pancreatic Cancer Growth: The Role of NFATc1”
 - April: Karla Batres, Psychology, “Why study bilingualism?: Cognitive benefits and disadvantages of living with multiple languages”
 - June: Joseph Ortiz, Materials Science and Engineering, “Nanoparticles as Strengthening Mechanism Compatibilizers Within Polymer Blends”

- 2) The CIE hosted 2 **Topic-Based Lunches** this year, with the goal of offering students a glimpse into the professional pathway of our senior university leaders, fostering a sense of school spirit as well as providing valuable insight into potential career paths. This year’s lunches included:
 - Dr. Lawrence B. Martin, Dean of the Graduate School: 24 students attended this November 18th talk, entitled “Pursuing an Academic Career and Transforming Graduate Education”
 - Dexter Bailey, Vice President for University Advancement and Executive Director of the Stony Brook Foundation: 21 students attended this April 27th talk, entitled “University Service Among the Top One Percent”

<p>Pursue key grant opportunities that will add significant resources to support the mission of the CIE.</p>	<p><u>Submitted</u></p> <ul style="list-style-type: none"> • NIH IRACDA (Institutional Research and Career Development Award) – awarded \$3,306,210 June 2012 • NIH PREP (Post Baccalaureate Research Education Program) – under review. Requested \$1,500,000 • NIH IMSD (Initiative for Maximizing Student Development) – under review. Requested 2,875,934 • NSF LSAMP BD (Bridge to the Doctorate) Cohort at Stony Brook University – awarded \$977,820 in August 2012.
<p>Share our best practices regionally and nationally through presentations at key meetings and conferences and the dissemination of publications.</p>	<p>Nina Maung-Gaona attended the National GEM Consortium Board of Directors Meeting, held August 2-4 in Washington, D.C. The meeting brought together representatives of 100 member institutions and industry partners to vote on new motions to improve and expand GEM operations.</p> <p>Dr. Alexandra Corrales presented the SUNY AGEP Evaluation Project at the SUNY STEM Conference in Albany, NY in November, 2011.</p> <p>Nina Maung presented at the Understanding Interventions Conference in Baltimore, MD in May 2012. She was accompanied by Dr. David Ferguson and Dr. Alexandra Corrales.</p> <p>Nina Maung, Dr. David Ferguson, Dr. Alexandra Corrales, Kathryne Piazzola, and Jennifer Bleck attended the NSF JAM (Joint Annual Meeting) Conference in Washington, DC in June 2012</p> <p>Nina Maung and Dr. David Ferguson attended the annual IRACDA Conference in Philadelphia, PA in June 2012</p>
<p>Continue to support faculty and departments in their pursuit of external funding by providing letters of support for grants, participating in site visits, and helping to write relevant sections of proposals and departmental plans.</p>	<p><u>Grant Proposal Support, Letters of Recommendation:</u></p> <ul style="list-style-type: none"> • Ecology & Evolution – GAANN • Genetics NIH Training Grant • Materials Science – NSF Grant • Cardiovascular T32 Training Grant • Pharmacology T32 Training Grant • Brooklyn College MARC RISE • Geosciences OEDG Proposal - A Career Path for African-American Students from HBCUs to National Laboratories • BNL WIS (Women In Science) • McNair Proposal from the Department of Technology & Society

<p>Participate in national diversity conferences and meetings to ensure Stony Brook is visible among students; government agencies, higher education institutions and other relevant entities in the national landscape.</p>	<p>The Center participates in extensive minority recruitment efforts, including representation at key national conferences and recruitment fairs, such as the Savannah State Grad Talk, the NIH Recruitment Fair, the BNL Grad Fair, the UMBC McNair Conference, the AGMUS Research Symposium, the GEM Grad Lab NJIT, the Society for the Advancement of Chicanos and Native Americans in Science (SACNAS), the Annual Biomedical Research Conference for Minority Students (ABRCMS), and Emerging Researchers National Conference in STEM (ERN). These conferences provide access to a strong pool of research-minded undergraduate students who can be recruited as candidates for graduate study. This year we collected 260 intake forms from interested undergraduates.</p>
<p>Engage alumni in CIE activities in an effort to forge new partnerships and commemorate the 25th anniversary of the W. Burghardt Turner Fellowship program through a series of activities that engage members of the Turner community, past and present as well as fundraise.</p>	<p>1) As part of our year-long celebration of the 25th Anniversary of the Turner Fellowship, we have been holding a Turner Alumni Speaker Series, in which we invite Turner alumni to return to campus and share their work and experiences on their path to success with current CIE students. Presentations celebrate the success of our graduates and serve as important professional development opportunities for our current students, introducing them to potential career paths and motivating them to be leaders not only in their academic fields, but as mentors to the next generation of diverse scholars. The series attracted an average of 35 attendees per the following lectures:</p> <ul style="list-style-type: none"> ○ Dr. Michelle Juarez, Ph.D., 2004 Genetics, “Stony Brook: Dichos from a Ph.D.” – October 5, 2011 ○ Dr. James Dickerson, Ph.D., 2002 Physics & Astronomy, “Scientists on the Cutting Edge: How Effective Communication of Science Will Shape our Future” – December 15, 2011 ○ Dr. Bianca Acevedo, Ph.D., 2008 Social and Health Psychology, “Love, Marriage, and the Brain” – February 29, 2012 ○ Dr. Phillip Ortiz, Ph.D., 1992 Physiology and Biophysics, “Paying it Forward: SUNY, Science, and Education” – March 14, 2012 ○ Sergio Arguenta, MSW, 2006 Social Welfare, “Long Island S.T.R.O.N.G.: Struggling to Reunite our New Generation” – May 15, 2012 <p>2) Planning for the Turner 25th Anniversary is in full swing. We have launched a Turner 25th Fan Page on Facebook as well as a Twitter account. We are working on fundraising efforts to grow the Turner Endowment Fund. A gala event is being planned for October, which will include a symposium, a dinner, and many other activities.</p>

<p>Assist departments in their efforts to provide current and future students access to opportunities for academic and career success through effective mentoring, financial support professional development and networking.</p>	<ol style="list-style-type: none"> 1) CIE students are eligible for a variety of forms of direct financial assistance in the form of fellowships, conference travel awards, book stipends, and research grants. This year, the CIE provided the following financial assistance: <ul style="list-style-type: none"> ○ Turner stipends to 64 fellows, totaling \$582,328 ○ 18 Turner Conference Travel Awards, totaling \$16,576 ○ 4 Dissertation Support Stipends of \$4,000 each, totaling \$16,000 ○ 16 Turner Summer Research Grants, totaling \$67,371 ○ 16 AGEP Conference Travel Awards, totaling \$15,576 ○ 12 AGEP Book Stipends, totaling \$3,349 ○ AGEP Recruitment Top Off, Fall 2011 \$2500 2) 28 students borrowed laptops as part of the Laptop Loan Program, which provides CIE students who are unable to afford it on their own crucial access to technology, enabling them to complete their studies more efficiently. 3) To provide support for students that need assistance with core courses or qualifying exams, the CIE organizes peer-led structured study groups. This year 4 students participated in the graduate biochemistry study group. 4) Studies show that sharing one’s goals with others and working together to achieve them will largely increase one’s chances of success. With the Writing Accountabla-Buddy, the CIE provides a quiet space and an accountability system for those students working on dissertations. They set aside a block of time to dedicate to writing and making measurable progress on writing projects. 9 students participated in the fall semester
<p>Build the capacity and awareness of individual members and entities on campus of ways to support the mission of diversity and foster greater participation in diversity efforts.</p>	<p>The CIE hosted over 17 faculty visitors from around the country participating in the Visiting Faculty Program (VFP) at Brookhaven National Laboratory along with Stony Brook faculty members to help form pipeline development from their MSI and HBCU undergraduate intuitions to our graduate programs.</p> <p>The CIE also makes an effort to be a presence in the University community as a whole. In particular, we strive to be a voice for equality and a center for celebrating our diversity. Further, we strive to cultivate a continued sense of community among our alumni. To that end, the Center hosted a variety of Celebrating Diversity Events, including a Hispanic Heritage Month Faculty Forum, featuring Professors Miguel Garcia-Diaz, Hugo Benitez Silva, Paul Firbas, Maricedes Acosta Martinez, and Christina Vargas Law, and attended by 50 students and guests. We also hosted a Black History Month</p>
<p>Provide advice and advocacy for CIE students.</p>	<p>The CIE directly monitors our students’ progress and provides intervention, problem mitigation and/or advocacy as necessary on their behalf.</p> <p>Toni to add text about monitoring of student records, etc. Angel to add text about the one-on-one meetings and the retention lunches.</p>

<p>Keep our constituents and the broader University community abreast about key diversity developments within the Center, throughout New York State and nationally.</p>	<p>Toni's to add text about participation in the Boston conference.</p>
<p>Through the results of the AGEP evaluation project, lay the groundwork to conduct scholarly research on STEM education and diversity.</p>	<p>We continued to work on our comprehensive CIE Student Database Project in an effort to ensure we have the most complete, up-to-date information possible on all present and past CIE students, including demographics, contact information, career tracking information, etc. This project will be invaluable in helping us plan the Turner 25th Anniversary Celebration and reconnect with all our former students. AGEP Evaluation Project</p>
	<p>While the Summer Research Institute ended its 12-year run at the CIE, this summer marked the 2nd year for the REU Site: Nanotechnology for Health, Energy & the Environment. We hosted 10 interns from 6 different undergraduate institution as well as 1 RET participant, a science teacher from Brentwood High School. The program includes an Ethics Symposium, a tour of Brookhaven National Laboratory, Graduate School Preparedness classes, Research Methods classes, an e-portfolio component, and a final Research Symposium, in addition to the extensive exposure to research in the lab.</p>