CSULA-COH Cancer Collaborative

Dates: 12/1/06-11/30/10

Grant number awarded to CSULA:
  1 P20 CA118783-01A1

Grant number awarded to COH:
  1 P20 CA118775-01A1
Program goals

1) to increase the participation and capacity of minority students and minority faculty in cancer research

2) to increase our understanding, at the molecular, behavioral, and psychosocial levels, of cancer disparities among minority populations
## Timeline

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<th>2007</th>
<th>2008</th>
<th>2009</th>
<th>2010</th>
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<tr>
<td>Stages</td>
<td>Planning, Priority-setting</td>
<td>Implementation Stage</td>
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<td>Planning, Priority-setting</td>
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Overall outcomes projected:

1) 3-4 completed pilot projects with data sufficient for extramural grant apps
2) Strong collaborations between CSULA and COH
3) More faculty engaged in cancer research and minority disparities research
4) Increased knowledge of cancer disparities
5) Greater outreach into minority communities for education and recruitment onto clinical trials
6) 10 trained CSULA students, 4 of whom will enroll in COH Graduate School
7) Increased overall enrollment of minority students in COH Graduate School
8) Completed evaluation
## Timeline (first year)

<table>
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<tr>
<th>Dec-Feb</th>
<th>Mar-May</th>
<th>Jun-Aug</th>
<th>Sep-Nov</th>
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<tr>
<td>Establish administrative procedures for Cancer Research Program</td>
<td>Establish administrative procedures for Cancer Training Program (Lab-based)</td>
<td>Initiate faculty interactions to create research collaborations</td>
<td>Create review process for Pilot Project proposals</td>
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<td>Screen student applications for Cancer Training Program</td>
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<td>Place students</td>
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<td>Select 1-2 pilot projects</td>
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<td>Distinguished Speaker Series start</td>
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CSULA-COH Cancer Collaborative Organization Chart

- **Internal Advisory Committee (IAC)**
  - Kane, Bhatia, Chen, Grant, Novak, Otis-Green, Shen, Weitzel
  - Kane, Benedict, Novak

- **Cancer Research**
  - Pilot Project Faculty
    - Mentors
    - Faculty*
  - CSULA Students**

- **Cancer Training**
  - Laboratory Research Mentors
  - CSULA Students***

- **Administrative Core**
- **City of Hope Personnel**
  - Kane, Chen, Lee, O'Connor, Palomares, Shen, Shively, Termini, Lee
- **CSULA Personnel**
  - Ashing-Giwa (M), Bhatia (M), Grant (M), Juarez, Otis-Green (M), Perez, Thornton
  - Galvan, Ferguson-Marshalleck, Cardoza

**Possible Mentor**
- M

**Notes**

- *: CSULA and COH junior faculty will be provided with career building opportunities.
- **: CSULA students who complete this activity will be eligible for entry into Ph.D. programs specializing in population science, molecular epidemiology, and psychosocial oncology.
- ***: CSULA students who complete this program will be eligible for entry into COH's Biological Sciences Ph.D. program and other laboratory-based Ph.D. Programs.
Summary of Roles

1) Internal Advisory Committee
   Meet during year 1 to help establish policies and procedures; meet annually thereafter to review program; select Pilot Projects for funding and monitor their progress; admit students into training program and monitor their progress; commission and monitor program assessment

2) Administrative Core
   Meet during year 1 to help establish policies and procedures, remove barriers to collaboration; administer all programmatic activities; convene and staff meetings; manage grant funds; track program participants; collect assessment data
Summary of Roles

3) Pilot Project Faculty (Cancer Research)
   Meet during year 1 to establish collaborations with CSULA faculty and
   develop pilot project proposals; participate in research and other
   programmatic activities; mentors will meet with program faculty to
   develop career enhancement plans and monitor progress regularly

4) Laboratory Mentors (Cancer Training)
   Serve as lab mentors to CSULA students; collaborate with CSULA
   investigators on cancer research; participate in other programmatic
   activities, as required
Cancer Research Program

1) collaborations between CSULA and COH faculty
2) research on topics related to minority disparities in cancer
3) pilot projects intended to result in R01-type funding
4) at least one faculty mentor on each project
5) funding for two-three pilot projects by the end of year 1
6) CSULA students participating on pilot projects
7) CSULA faculty will be adjunct members of COH Cancer Center
Cancer Training Program

1) CSULA students working in CSULA and COH labs; three students per year
2) laboratory research related to cancer
3) possible early entrance into COH Graduate School
4) two introductory workshops for all participating students:
   a) Introduction to the Cancer Training Program
   b) Responsible Conduct of Research
5) individualized learning plans including various workshops and seminars to increase preparedness and competitiveness for graduate school
Other Activities

1) Career Enhancement Program
   a) increase the cancer focus of CSULA minority faculty who are already involved in minority disparities research
   b) increase the minority disparities focus of COH (minority) faculty already involved in cancer research
   c) increase the research capacity of junior faculty
   d) mentoring within context of each pilot project
   e) Junior Faculty Advisory Council: mentor leaders meet annually with each faculty member engaged in career enhancement activities
   f) career development/enhancement activities to build capacity as needed on an individual basis

2) Distinguished Speaker Series
   a) first at CSULA in Nov, 2007
   b) second at COH – Beckman Symposium in Nov, 2008
   c) third at CSULA – Andreoli-Woods lectureship in ??
   d) fourth at COH – Cancer Center speaker in Nov, 2010
Outcomes (1st Year)

1) administrative procedures for carrying out collaborative Pilot Projects at CSULA and COH
2) a set of Pilot Project proposals developed collaboratively by CSULA and COH faculty members
3) a set of Pilot Projects reviewed and chosen for funding by the IAC
4) two-three CSULA students participating on Pilot Projects
5) a group of minority and non-minority faculty engaged in career enhancement activities
6) policy, procedures, and detailed design of the Cancer Training program; the first set of three students admitted into the program
7) policy for the CSULA-COH pipeline mechanism into the COH Graduate School
8) the first Distinguished Speaker seminar on cancer disparities among minority populations (CSULA)
Compensation (CSULA)

1) Internal Advisory Council: ~$100/h plus travel

2) Cancer Research Program:
   a) 6 units release time for junior faculty
   b) 5 units release time/OL for senior faculty
   c) $10K student stipends
   d) $50K total budget per project per year for up to two years

3) Cancer Training Program:
   a) 3 units release time for faculty
   b) $16K student stipends
   c) $6K supply budget + $1.5K travel budget for student
Compensation (COH)

1) Cancer Research Program:
   a) 5% effort for faculty mentors
   b) Up to 15% effort for co-investigators on research projects

2) Cancer Training Program:
   a) 5% effort for mentors