

Assembly Bill #10

Application Title Social Biomimicry: Insect Societies & Human Design

Short Summary A conference proposed and organized by graduate students, Social Biomimicry: Insect Societies and Human Design will explore how collective behavior and nest architecture of social insects can inspire human innovation in areas like manufacturing, communications, transportation, and green building. Through talks, a poster session, and working groups, the conference will promote interdisciplinary exchange among biologists, designers, engineers, and businesspeople involved in biologically-inspired design.

Application Type Individual

Requested Amount \$2,000

Referral Source Word of mouth

Application Team

Applicant

Name	E-Mail	Phone	Agree to Rules
Rebecca Clark	rebecca.m.clark@asu.edu	480-734-5535	Yes

Sponsor

Name	E-Mail	Phone
Shukmei Wong	slantzer@asu.edu	480-727-6305

Organization Information

Please identify your organization below. Only organizations registered with the SORC are eligible to apply. All requests are due on the date listed on our website, late applications will not be considered. You are able to modify your answers until you submit your application.

1.1 Select your organization or choose other. *

Other

1.2 Other organization

(If other, please enter organization name.)

Frontiers in Life Sciences (FiLS)

2 Is your organization registered with the SORC?

Yes

Event Information

Please describe your event below. All requests are due on the date listed on our website, late applications will not be considered. You are able to modify your answers until you submit your application.

1 Event Start Date *

(mm/dd/yyyy)

02/18/2010

2 Event End Date *

(For one day events, enter the start date)

02/20/2010

3 Event Participants *

Who do you expect to participate in your event? (ie: grad students, undergrads, faculty, professionals, community members) From what colleges, schools, departments and organizations? (425 characters max)

We expect over 100 people: (1) grad students from the School of Life Sciences (SoLS; includes the 6

organizers) and beyond; (2) faculty from multiple departments and centers at ASU (incl. SoLS) and other universities; (3) invited speakers, including biologists, designers, engineers, and businesspeople from other institutions/industry; and (4) community members at the public event at the Desert Botanical Gardens.

Budget Justification

Please provide your total budget for this event, including expenses funded by other sources. For requests over \$250, matching funds **must** be secured and written proof of co-sponsorship is required.

1.1 Description and vendor *

(200 characters maximum)

Poster Stands: A poster session will allow students to showcase biomimicry-associated research and projects. Eight poster stands will be rented from Tri-Rentals, allowing display of 32 posters.

1.2 Total Cost *

\$600.00

1.3 Amount Requested *

\$600.00

2.1 Description and vendor

(200 characters maximum)

Catering: Breakfast and coffee will be catered by ASU Catering Services at the MU. Current funding covers breakfast; we request funding for coffee breaks and the student poster session.

2.2 Total Cost

\$4,021.00

2.3 Amount Requested

\$1,400.00

3.1 Description and vendor

(200 characters maximum)

Invited Speakers: Transportation and lodging for speakers. Over 15 invited speakers from around the world have confirmed. Travel expenses will be paid through existing funding sources.

3.2 Total Cost

\$23,899.00

3.4 Amount Requested

\$0.00

4.1 Description and vendor

(200 characters maximum)

Room Rentals: Talks and a student poster session will occur in rooms in the Memorial Union. Non-ASU conference participants are charged a registration fee, so space must be rented.

4.2 Total Cost

\$1,200.00

4.3 Amount Requested

\$0.00

5.1 Description and vendor

(200 characters maximum)

Event Promotion: Promotional materials for the event and website hosting are being handled by the School of Life Sciences Marketing & Communications.

School of Life Sciences Visualization Laboratory.

5.2 Total Cost

\$2,255.00

5.3 Amount Requested

\$0.00

6.1 Description and vendor

(200 characters maximum)

Student travel grants: 25 competitive \$400 travel grants will be offered to encourage attendance by students from other institutions. Availability depends on receipt of funding from NSF (see below).

6.2 Total Cost

\$10,000.00

6.3 Amount Requested

\$0.00

7.1 Description and vendor

(200 characters maximum)

Public event: The conference will culminate in a lecture and art show at the Desert Botanical Gardens, at the cost of a facility fee, AV equipment rental, and publicity materials (also see below).

7.2 Total Cost

\$5,000.00

7.3 Amount Requested

\$0.00

**Total Cost
of Event ***

(Sum of Total Cost fields)

\$46,975.00

10 Total Requested from GPSA *

\$250 maximum for events without matching funds, \$2000 maximum for events with matching funds.

\$2,000.00

11 Matching Funds

Please describe all matching funds you expect to receive and the organizations providing them. (425 characters maximum)

The Research and Training Initiatives Committee within the School of Life Sciences has awarded the primary funding for this event (\$29,975). A confirmation letter from James Elser (director, RTI Committee) is available upon request. We have also applied to the National Science Foundation for supplemental funding for student travel grants and the public event (\$15,000).