ARIZONA STATE UNIVERSITY  
School of Life Sciences Undergraduate Research (SOLUR) Program  

FELLOWS LEVEL  
Application for Summer and Academic Year 2016-17  
Program is funded by the School of Life Sciences, Arizona State University  
APPLICATIONS ARE DUE 26 FEBRUARY 2016 by 5:00 pm in the  
School of Life Sciences Enrichment Program (SOLSEP) Office, LSA 176  
**Submit complete application packet**  

I. PERSONAL  
Name: __________________________________________  
Affiliate ID No: ___________________________________  
Email: ___________________________________________  
Local Address: ______________________________________________________________________________________________  
Street City State Zip  
Permanent Address: __________________________________________________________________________________________  
Street City State Zip  
Current Phone #: (______)_________________________  
Permanent Phone #: (______)_________________________  

II. EDUCATION  
Previous College and/or University: __________________________________________________________________________  
Number of Semesters in SOLUR Seminar (BIO 289, 389, and/or 489): ________________________________  
Undergraduate Status: FR / SO / JR / SR  
SOLS Major*: __________________________________  
ASU Hours Completed: __________________________________  
GPA (ASU): __________________________________  
Transfer Hours Completed: __________________________________  
GPA (Transfer): __________________________________  
Expected Date of Graduation: __________________________________  
Test Credits: __________________________________  
*Applicants are required to have a major in the School of Life Sciences.  

III. SOLUR SUPPORT  
I am requesting SOLUR support for: (Please check only one)  
☐ Summer 2016 only* (Option for current SOLUR participants only)  
☐ Summer 2016 and Academic Year 2016-17  
☐ Summer & Fall 2016 only* (Option for current SOLUR participants only)  
☐ Academic Year 2016-17 only*  
*Please complete one of the sections below only if requesting support for anything other than Summer 2016 and Academic Year 2016-17 by checking one of the boxes and giving an explanation for your request. (Support will be prorated if admitted for less than Summer 2016 and Academic Year 2016-17.)  
☐ Please check and complete if you will be graduating in August or December 2016 and this is the reason for requesting support other than Summer 2016 and Academic Year 2016-17.  
I’m graduating in ____ August 2016 ____December 2016. My plans following graduation are:  
________________________________________________________________________  
☐ If you will NOT be graduating in August or December 2016, please explain on a separate page why you are requesting support for Summer only, Summer and Fall only, or Academic Year only.
WHAT YOU NEED TO DO TO APPLY TO THE SOLUR PROGRAM – FELLOWS LEVEL:

IV. PROPOSAL (4 pages maximum, not including title page, single spaced, 12 point font, 1” margins)

Your proposal must include the following:
1. A cover sheet including project title, your name and contact information, and your faculty mentor’s name and affiliation
2. An introduction to your planned research with pertinent background literature cited
   a. A statement of the potential importance or significance of the research you propose
   b. A statement of the research question and general hypotheses you plan to test
3. A description of the specific methods you plan to use
4. A description of the possible outcomes and their significance and implications
5. A statement of specific plans for disseminating the results of the research (publications, presentations, etc.)
6. A projected timeline for the year from June 2016-May 2017 that details when you expect to conduct and complete each phase of your project
7. A list of references cited (a minimum of 8 is appropriate)

You are encouraged to (1) make sure your proposal will be understood by a broad audience (the reviewers come from diverse fields), and (2) solicit feedback from your faculty mentor on your proposal while it is in the draft stage. However, we expect that your faculty mentor’s contribution in the construction of your proposal has been limited to general guidance and editorial suggestions.

V. FACULTY MENTOR COMMITMENT FORM AND STATEMENT OF SUPPORT

The Faculty Mentor Commitment Form is available on-line at https://sols.asu.edu/solur; click on the Fellow tab on the lower right. Your faculty mentor must complete the Faculty Mentor Commitment Form, sign it, and attach a statement of support. The statement of support should include a brief description of the planned research, an in-depth evaluation of you as a candidate for this position, and specific commitments they will make to you in the form of supervision time, access to equipment and space, and any other contributions such as partial funding of SOLUR student financial support, travel, and/or supplies.

VI. CURRENT RESUME AND STATEMENT OF CAREER GOALS

Make sure that your resume includes: (1) the dates/duration, responsibilities, and location of any previous research and internship experiences, (2) a paragraph that describes your career goals and how this experience will help prepare you for your planned career, (3) your educational background, (4) your extracurricular activities, and (5) other pertinent information about you.

VII. AN UNOFFICIAL COPY OF COLLEGE TRANSCRIPT(S)

An unofficial copy of your ASU transcript can be accessed through ASU’s Office of the Registrar Student Records and Grades (https://students.asu.edu/student-records-grades).

VIII. TWO LETTERS OF RECOMMENDATION

Please provide two letters of recommendation from individuals other than your faculty mentor who are familiar with your interests, abilities, and/or career goals. Please ask the individuals to address your background and skills as they relate to your potential success in the SOLUR Program. A letter from a professor or teacher, advisor, or supervisor is preferred. The letters should be written on company/departmental letterhead. A contact telephone number and/or email address of the people writing the letters is appreciated. The letters should be submitted with your application in sealed and signed envelopes (author should seal envelope and sign across the back flap).

Letter One
Letter Author: __________________________________________________________

Telephone # and/or Email Address: _______________________________________

Company/ Business Name: _____________________________________________

Letter Two
Letter Author: __________________________________________________________

Telephone # and/or Email Address: _______________________________________

Company/ Business Name: _____________________________________________
BROADER IMPACT REQUIREMENT

Contemporary scientists are expected to engage in activities that broaden the impact of their research through, for example, participation in outreach to the public or training or recruitment of future scientists. Mirroring this feature of modern science, SOLUR Fellows will be expected to contribute a minimum of 10 hours per semester (Fall and Spring) to development and implementation of activities such as but not limited to presenting or participating in science-oriented public outreach or service events or actively promoting the SOLUR program within the university and in the community college system. If you are accepted as a Fellow, information will be emailed during the summer to assist Fellows in developing plans to fulfill this requirement; a written proposal must be submitted by August 15th of the year in which your position begins. Nothing concerning this requirement needs to be submitted with the application.

IN ORDER TO APPLY TO THE SOLUR PROGRAM – FELLOWS LEVEL, YOU MUST SUBMIT A COMPLETE APPLICATION PACKET. Packets are due 26 FEBRUARY 2016 BY 5:00 pm in the SOLSEP Office, LSA 176 (mailing address: SOLUR Program, School of Life Sciences, Arizona State University, PO BOX 874701, Tempe, AZ 85287-4701). Fellow awards will be made on a competitive basis and pending budget availability. Applications and supporting documentation MAY NOT be submitted electronically by fax or email. Incomplete application packets will not be reviewed. The packet consists of the following items:

1. Completed and signed SOLUR Program – Fellows Level Application Form;
2. Proposal (4 pages maximum, not including title page);
3. Signed Faculty Mentor Commitment Form and Statement of Support;
4. Current Resume and paragraph stating your career goals;
5. Unofficial copy of your college transcript(s); and
6. Two letters of recommendation in sealed envelopes signed by the author of the letter.

APPLICANT SIGNATURE

By signing, you (the student applicant) are verifying that you are a SOLS major and that all information provided in the application and proposal is truthful, and that your faculty mentor’s contribution in the construction of your proposal has been limited to general guidance and editorial suggestions. Furthermore, if accepted as a SOLUR Fellow, you acknowledge that you will volunteer at least 10 hours of your time per semester (Fall and Spring only) to broader-impact activities as outlined in the SOLUR Fellow appointment description. Your written plan for these activities will be submitted by August 15th of this calendar year.

Signature____________________________________________ Date________________________________

OTHER INFORMATION:
SOLUR Fellows awards will be made on a competitive basis and pending budget availability. Your proposal will be reviewed by faculty members of the SOLUR Advisory Committee. Reviewers will be asked to keep the following questions in mind:

I. Scientific Merit
   ▪ Has a significant problem or question and its importance to the field been clearly identified?
   ▪ Have alternative hypotheses that might answer the problem or question been identified and described?
   ▪ Are the experiments/observations proposed appropriate for testing one or more of these hypotheses?
   ▪ Are the experiments/observations feasible given the time and other constraints?
   ▪ What are the possible outcomes of the experiments and how will they move the field forward?
   ▪ How will the results be disseminated?

II. Applicant’s Credentials
   ▪ Has the applicant had coursework relevant to the project?
   ▪ Does applicant have relevant previous research experience?
   ▪ Will the research experience advance the applicant toward their career goals?
   ▪ Is the mentor supportive of the student and the proposed project?
   ▪ Are the recommendation letters supportive of the student and proposed project?
EQUAL EMPLOYMENT OPPORTUNITY SURVEY
ARIZONA STATE UNIVERSITY; SOLUR

TO ALL APPLICANTS
The School of Life Sciences Undergraduate Research Program (SOLUR) is funded by the ASU School of Life Sciences which is especially interested in helping to increase the numbers of women and minorities who pursue careers in the life sciences and related disciplines. The information below is kept for statistical reporting and is treated in a highly confidential manner. Your responses are strictly voluntary. However, we urge your cooperation in this manner as it will be most helpful to the Program staff.

INSTRUCTIONS
1. Print your name, last four digits of social security #, or student ID # in the space provided.
2. Indicate the appropriate responses for items A through E.

<table>
<thead>
<tr>
<th>Name (Last,First,Middle)</th>
<th>Soc.Sec.# (optional)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Position Applied for SOLUR Fellow</td>
<td>Dept/Prog SOLUR</td>
</tr>
</tbody>
</table>

A. Ethnic/Racial Category
- White, not Hispanic;
- Black, not Hispanic;
- Hispanic;
- Asian;
- Pacific Islander;
- American Indian or Alaskan Native

B. Sex
- Male (M);
- Female (F)

C. Age Group
- 40 & over (O)

D. Do you have a disability?
- Yes;
- No

E. Check only one:
- Vietnam era veteran (V);
- Special disabled veteran (D);
- Special disabled Vietnam era veteran (S)

Return this form to:
School of Life Sciences Undergraduate Research (SOLUR) Program
Arizona State University
PO BOX 874701
Tempe AZ 85287-4701