

ORTHOPAEDIC CAREER DEVELOPMENT AWARD 2011

PURPOSE:

The Musculoskeletal transplant Foundation (MTF) Career Development Award is intended to foster the development of outstanding orthopaedic clinicians and enable them to expand their potential to make significant research contributions to the field of orthopaedics. It is expected that following this experience, the candidate will be able to pursue an independent and productive career in orthopaedic research and clinical medicine. MTF will provide a stipend of \$100,000 per year for up to three years, conditional upon annual review.

ELIGIBILITY REQUIREMENTS:

A candidate must meet the following criteria:

- An M.D. or D.O. from an MTF Academic Member accredited U.S. or Canadian medical school
- Completion, within 5 years, of an accredited residency and fellowship
- Affiliation with an MTF Academic Member Institution

A member of the Foundation's Board of Directors or Board of Medical Trustees must sponsor the candidate. The Foundation's Board of Directors will make the final selection of the candidate.

The candidate must work under the direction of a qualified mentor. Candidates must justify the need for a three-year period of mentored research experience and must be able to provide a convincing case that the proposed period of support will substantially enhance his/her career or will allow the pursuit of a novel or promising approach to a particular research problem. Candidates must be U.S. citizens or non-citizen nationals.

The award provides three consecutive 12-month appointments. At least 40% of the recipient's full-time professional effort must be devoted to the program and the remainder devoted to other clinical or teaching pursuits consonant with the objectives of this award.

RESEARCH OBJECTIVES:

The institution must have a well-established orthopaedic research and clinical career development program and qualified faculty in clinical and basic research to serve as mentors. The institution must be able to demonstrate a commitment to the development of the candidate as a productive, independent investigator.

SUBMISSION REQUIREMENTS:

- Original and 7 copies of Application
- 7 sets of photographic prints, if applicable
- Provide Human Internal Review Board statement if applicable
- Provide statement on career goals
- Provide statement on time allocated to the project
- Attach 4 letters of support:
 1. Department Chair
 2. MTF Academic Member Sponsor
 3. Present Director of Research, if applicable
 4. Institution Acknowledgment

Deadline: August 1, 2011

Period of Grant: January 1 through December 31, for up to three years.

Amount: \$100,000.00 per year for up to three years.

1. Mailing Instructions:

Please mail complete application to:

Hans Burchardt, Ph.D., VP Scientific Affairs
Musculoskeletal Transplant Foundation
1232 Mid-Valley Drive
Jessup, PA 18434
PHONE 570-496-3434
FAX: 732-661-3883

I. MTF ORTHOPAEDIC CAREER DEVELOPMENT PROGRAM INFORMATION

A. Eligibility:

1. Candidate must be an orthopaedic surgeon (M.D. or D.O.) working at an MTF Academic Member institution.
2. Candidate must provide a statement on time to be allocated to the project each week during the 36 month time period, including percent of time and use of time.
3. Candidate who has received an RO 1 NIH grant or its equivalent as a principal investigator, is not eligible for a Career Development Grant.

B. Application Procedure:

1. Candidate must check yes on application if this is a resubmission. If so, **changes must be highlighted in bold type**. An application can be resubmitted twice.
2. The proposal must be single spaced. **The height of the letters must not be smaller than 10 point**. Type density must be between 12-15 cpi. No more than 6 lines of type must be within a vertical inch. Minimum margins must be 1/2 inch for left and right, 1 inch for top and bottom.
3. Total Career Development Plan is not to exceed twenty (20) pages.
4. If photographic prints are submitted, 7 sets are required. Please affix photos to an 8 1/2" x 11" sheet of paper.

C. Notification of Award:

The Foundation will notify each applicant by letter after the Board of Directors meeting held in December. A summary report of the project's strengths and weaknesses will be provided, although the reviews will remain anonymous. Similarly, the project will remain in confidence to protect the inherent intellectual property of the PI.

INSTRUCTIONS FOR COMPLETING CAREER DEVELOPMENT AWARD APPLICATION

D. Face Page of application and Page 2:

1. Page 1 is the cover sheet for the entire application. Please complete all sections. Page 2 requires information about the Institution's Financial Officer, other investigators and classification information.
2. The candidate must be an orthopaedic surgeon.
3. Please enter specific titles, departments, addresses, telephone and fax numbers, where requested.
4. Signatures are required for candidate, department chairman, other investigators associated with project (if applicable), the financial officer and the official authorized to sign for the institution. Please use black ink for all required signatures.
5. On Page 2, please check off 3 categories that relate to the project, in order of relevance.

E. Page 3 and 4:

1. Abstract of Research Plan: Provide a **1 page abstract** with 5 underlined phrases to highlight the project. The abstract should be a stand-alone item that provides some background and rationale to the research being proposed; hypothesis; specific aims; experimental design; and potential outcomes.
2. Performance Site(s): List name and location of site(s) where the work will be performed. Provide details on Page 4 under Resources.
3. Key Personnel: List all personnel associated with the project. Provide details on page 7 under Budget Justification.

F. Page 5:

Complete the Table of Contents. Please reference the page numbers of your application.

G. Pages 6 and 7:

1. Enter budgets for initial budget period on page 6. Enter budget for all years for which funds are requested on Page 7. At bottom of Page 7, provide justification for each expense and category for each year.
2. Salaries and wages: Enter the name, percent of time on project and salary requested, as well as normal fringe benefits, i.e., pay for vacation, sick days, and holidays charged to the grant. On budget justification page state what each person will be doing. Funds of up to 50% of grant may be budgeted each year for candidate's salary.
3. Permanent equipment: Any major piece of equipment or apparatus costing more than \$1,000.00 should be itemized, and justifications made.
4. Consumable supplies: Glassware, chemicals, supplies and all expendable materials obtained from the stockroom of the institution may be grouped in this category under appropriate subheading.
5. All other expenses:

- a. Retirement plan and Federal Insurance Compensation Act employer contributions may be charged to grants, when such contributions are the normal practice of the institution. The percentage of such costs charged on behalf of a given individual must be calculated based on the percentage of that individual's salary charged to the grant. These expenditures must be shown in this category for approval.
- b. Up to 200 reprints, without covers, of any paper carrying the credit line "Aided by a Grant from the Musculoskeletal Transplant Foundation" may be charged against the grant if the candidate so desires.
- c. No travel funds can be charged against the grant.
- d. Overhead or indirect costs are limited to 20% of direct costs.

H. Page 8:

Biographical sketches must be submitted for all investigators. They may not exceed two pages for each person. Please limit the information to experience relevant to the project.

I. Page 9:

1. Provide information on other support on continuation sheets in the **format** shown on Page 9.
2. List research funding relevant to this project for the past five years.
3. List funding received for other research projects the last five years, including your own institution.
4. List current funding, identifying potential overlap and no potential overlap of projects. On projects with funding of \$50,000 or more with potential overlap, list the aims of that project.
5. Indicate if the candidate has/had NIH funding. The candidate is eligible for MTF funding if the grant was a NIH training grant. Candidate is not eligible for an MTF Career Development grant if he/she was the principal investigator on a NIH RO 1 grant or its equivalent.

J. Page 10:

List facilities available at your institution. Include laboratory space and major equipment available for use with this investigation.

K. Career Development Plan and Supporting Data:

1. Complete this section on continuation pages, giving details following the outline below. **The total proposal (a through d) cannot exceed twenty (20) pages.** If this is a resubmission, show changes in bold type.
 - a. Specific Aims - Provide testable hypotheses and concise statement of the aims of the proposed research. (Not to exceed one page).
 - b. Background and Significance - Summarize important results to date obtained by others on the problem, citing publications. Explain why the results of the proposed work may be important. (Not to exceed three pages).
 - c. Preliminary Studies/Progress Report - Describe briefly any work you have done that is particularly pertinent. On projects where human subjects are placed at some risk, where

animals are used for experimentation or where there is a laboratory methodology with which the applying institution has not had well documented experience, the investigator is encouraged to submit a pilot study.

- d. Research Design and Method - Give details of your research plan, including how the results will be analyzed. For each specific aim mentioned in “a”, show how your plan is expected to fulfill the aim. Please include your specific plans for what you hope to accomplish in 6 months, 9 months, 12 months, 18 months, 24 months and 36 months. Include method of statistical analysis, if relevant. Power studies justifying sample sizes, and therefore cost of the grant, would be strongly encouraged. If this is a resubmission, new information must be italicized. For resubmission, highlight changes in bold type.
- e. Human Subjects - Attach a Human IRB statement, if applicable. IRB approval is required for invasive procedures.
- f. Vertebrate Animals - Attach a Vertebrate Animal IACUC approval, if applicable.
- g. Literature Cited - List material referenced in application.
- h. Career Goals - Provide a statement on career goals, including a summary of past accomplishments in research, citing future research goals with potential for future NIH funding.
- i. Time Allocated to Project - Provide statement on time allocated to project, including the percent of time and the use of time during the thirty-six month period.
- j. Relevance of the Project to the Mission of the Musculoskeletal Transplant Foundation:

MTF’s Mission Statement is: The Musculoskeletal Transplant Foundation is a non-profit organization dedicated to providing quality tissue, services and devices to meet the needs of donors, their families, recipients, and the surgical community.

- k. Letters of Recommendation - Attach four letters of recommendation to your application. They should be from:
 - (1) Chair of your Department.
 - (2) MTF Academic Member Sponsor.
 - (3) Present Director of Research, if applicable
 - (4) Your Institution, acknowledging support for your program and availability of facilities.

L. Correspondence:

Completed original application and required 7 copies should be directed to:

Hans Burchardt, Ph.D., VP Scientific Affairs
Musculoskeletal Transplant Foundation
1232 Mid-Valley Drive

II. GUIDELINES

A. Fiscal Procedures and Policies:

1. Facilities to be provided by Grantee Institution:
 - a. Grantee institution is expected to provide all necessary, basic facilities and services. These include the facilities and services that normally could be expected to exist in any institution qualified to undertake orthopaedic research.
 - b. In particular, it is expected that the grantee institution will provide, whether from its own funds or from grant funds other than those of the Foundation, the following, unless otherwise specifically agreed upon:
 - (1) Laboratory space
 - (2) Maintenance service, including maintenance, supplies and service contracts
 - (3) Telephone services
 - (4) Library service, including subscriptions to periodicals and the purchase of books
 - (5) Laboratory furniture
 - (6) Salary of other investigators and of secretarial personnel
 - (7) All travel expenses of personnel working under the grant
 - (8) Worker's compensation, public liability or other hazard and special insurance
 - (9) Office equipment
 - (10) Employee group life, disability, medical expense or hospitalization insurance
 - (11) Lantern slides, color plates, etc.
 - (12) Hospital bed expense, nursing or related services, even though used for research studies.
 - (13) Indirect Costs
 - (14) Tuition expenses of personnel on grant.
2. As a matter of policy, Foundation funds may not be used for remodeling or building construction costs.
3. Ownership of the Equipment - Equipment purchased under Foundation grants become the property of the institution, unless otherwise specified by the Foundation before termination of the grant or its extensions.

B. Budget Policies and Reports:

1. If an approved budget is less than that requested, new budget forms will be sent to grantee when notification of award is made. These forms must be completed, signed by the principal investigator and financial officer of the institution, and returned to the Foundation for approval, within thirty (30) days after notification.
2. Reports of expenditures must be prepared every twelve months, be signed by the responsible financial officer, and submitted to the Foundation for approval with accompanying documents. Expenses must be submitted by category, i.e., Salary and Wages, Equipment, Supplies, Animals,

Other. Fifty percent (50%) of Foundation funds must be expended before the next grant payment will be sent.

3. Ten percent (10%) of grant funds will be withheld until the final report of expenses and the final research report are received at the Foundation. The Principal Investigator may request in writing two 6-month no-cost extensions if the project is not completed by the end of the third year. If the two required reports are not submitted after the agreed to reporting date, the PI will lose the remaining 10%. Unusual circumstances will be considered for extended deadlines. Upon receipt of the reports, withheld funds will be sent to the grantee institution.
4. At expiration of the grant period, any unexpended balance of \$100.00 or more must be refunded to the Foundation within sixty (60) days together with the report of expenditures and accompanying documentation, properly submitted.
5. Separate accounts must be maintained for each grant. These accounts, with substantiating invoices and payrolls, must be available at all times to representatives of MTF.
6. Grantee must request permission and receive written approval from the Foundation prior to making any changes to approved budget and moving funds between budget categories.
7. Grantee may terminate a grant prior to normal expiration date by notifying the Foundation in writing and stating the reasons for termination. Unexpended funds must be returned to the Foundation within sixty (60) days, together with a final report of expenditures. The Foundation reserves the right to terminate grants at any time upon three months written notice.
8. If grantee has not completed the project prior to expiration, and for just reason, grantee may submit to MTF thirty days prior to expiration, a request for a no-cost extension, stating reason and requested period of extension. Two 6-month extensions may be requested in writing. If the grant project is not completed upon the agreed deadline, the PI will lose the remaining 10% of the granted funds. Unusual circumstances will be considered in the extension requests.

C. Policy on Delinquent Financial/Research Reports

The Foundation reserves the right to deny additional grants to any institution where after proper notification, an investigator has not submitted his/her final reports, and/or the financial officer has not submitted the final report of expenses, as required by MTF. This policy will be enforced when reports are one year past the final due date. Upon receipt of these reports, the institution shall again become eligible for MTF grants.

D. Policy on Animals in Research

1. Use of animals and number requested for project must be justified by institution. If applicable, provide IACUC approval, regarding use of and number of animals requested for project.
2. All animals used in research supported by MTF grants must be acquired lawfully and be transported, cared for, treated and used in accordance with existing laws, regulations and guidelines. Decisions as to the kind and sources of animals that are most appropriate for particular studies must be made by scientists and institutions. MTF policy requires that such decisions be subject to institutional and peer review for scientific merit and ethical concerns and that appropriate assurances be given that NIH principles governing the use of animals are followed.

E. Policy on Human Subjects in Research

1. Use of human subjects and sample size must be justified. If applicable, IRB statements from your institution's human subjects committee must be provided. IRB approval is required for patients' X-rays.
2. MTF grantees are entrusted to assure adequate protection of human subjects. NIH regulations regarding human subjects should be followed.

F. Policy on Transfer of Grant

1. If the grant has not started at the first institution and the principal investigator moves to a new institution, the grant will be cancelled. The principal investigator can re-apply from the new institution for the following year's funding if it is part of the MTF Academic Member institutions.
2. If the principal investigator moves during or after the first year, the request to take the grant to the new institution will be considered by MTF and a determination made of the progress. The investigator must also submit a letter enclosing resources, personnel and curriculum vitae of investigators at the new institution. The PI must obtain (MTF) Board approval as well as acknowledgement .

G. Policy on Changing Aims of Grant

If the principal investigator and collaborators find that the original aims of the grant cannot be accomplished, and that to continue the project substantial changes in aims or methodology must be considered, the principal investigator must write to MTF, requesting permission to change the procedure and state the reasons for the change.

H. Progress Report and Final Reports

1. Grantees must submit a progress report by October 1, at the completion of nine months. This allows time to set up the project and report on the progress to date. The investigator should pay close attention to the established milestones of what is to be accomplished by the sixth and ninth months. It is extremely important that the investigator report these accomplishments, because the criteria established in the proposal will be used by the reviewers to determine if funding should be continued. Two copies of the report must be sent to the Foundation. Upon receipt of an acceptable report the investigator will be notified of second year funding.
2. A second progress report must be submitted after 18 months, reporting accomplishments and referring back to the criteria established in the proposal. Upon receipt of an acceptable report the investigator will be notified of third year funding.
3. Grantees are required to submit the final report to the Foundation sixty days after termination of the grant, or they may submit a preliminary report in sixty days followed by the final report four months later, giving the investigator six months to complete the report. This report should refer to the original proposal so the reviewer can determine whether or not the goals of the research were accomplished.
4. The Foundation reserves the right to deny additional grants to any institution where the final reports have not been submitted within six months.

I. Publication

The Foundation encourages free publication of research findings by grantees but requires that the following acknowledgment be used as a footnote on the first page of the text:

*"AIDED BY A GRANT FROM THE
MUSCULOSKELETAL TRANSPLANT FOUNDATION"*

Also, when a grantee presents a paper at a professional scientific meeting, the above credit line must be included.

The Foundation should be sent reprints of all papers and publications resulting from work done under a grant, even those that appear after the grant has been terminated.

The Foundation imposes no restrictions on copyrighting publication by grantees.

J. **MTF Grant Intellectual Property Policy**

Each application should be accompanied by the following commitment, under the signature of PI and the responsible head of his/her institution, as follows:

LIMITED RIGHT-OF-FIRST OFFER; ALLOGRAFT SUPPLY

In the event the investigator or his/her academic institution desires to commercialize any product or intellectual property resulting from work associated with the grant, then MTF shall have the following rights:

- (a) **Notice.** Both the investigator and his/her academic institution shall deliver written notice to MTF of such intended commercialization (the "**Commercialization Notice**"). Following delivery of the Commercialization Notice, the investigator and his/her academic institution shall from time to time respond to reasonable requests for information made by MTF with respect to the product, intellectual property or commercialization.

- (b) **Right-of-First Offer.** MTF may, within 30 days from the date of receipt of the Commercialization Notice, advise the investigator or his/her academic institution of its interest in commercializing such product or intellectual property. In the event MTF delivers advice to the investigator or his/her institution of its interest in commercializing such product or intellectual property, MTF and the investigator or his/her institution will thereafter endeavor to negotiate the identified relationship in good faith, and will use all reasonable efforts to agree upon terms, conditions and other provisions within 60 days of MTF's advice as aforesaid. If no such agreement is reached within such period, neither the investigator nor his/her institution will be constrained in the commercialization of such product or intellectual property (except as set forth in Paragraph (c) and except that an agreement with any other party with respect to such commercialization will not be on terms less favorable to the investigator or his/her institution than those last proposed by MTF).

- (c) **Allograft Supply.** With limiting the rights of MTF under Paragraph (b), the parties acknowledge and agree that MTF will in all events be the sole supplier of allograft materials to support the commercialization of any product or intellectual property covered by a

Commercialization Notice, upon MTF's customary terms and conditions attendant to such allograft supply. In the event of any Commercialization Notice, MTF and the investigator or his/her institution will thereafter document such supply arrangement in good faith as expeditiously as practicable after the Commercialization Notice. Notwithstanding any other provision in this Paragraph (c), MTF may at any time deliver notice to the investigator or his/her institution that it does not elect to supply allograft materials in connection with such commercialization, in which case MTF will not be obligated to supply allograft materials and neither the investigator nor his/her institution will be constrained in arranging for an alternative supply.

K. Duplicated Research Support

It is MTF's policy that if a project is funded by more than one source during the course of MTF's grant, the PI must inform MTF of that occurrence. The PI must then choose one of the funding sources. If MTF is not selected, all granted monies must be returned to MTF immediately.

- L. **MTF Policy on Attending MTF Board Research Reports:** MTF sponsors a "Symposium" of Research Reports to the MTF Board of Directors and Medical Board of Trustees every four years. Allograft transplantation and the biological reconstruction of musculoskeletal tissues are the central theme for these meetings. The majority of the presentations are by MTF Grant recipients and discussions among grant recipients are invaluable in developing new directions in allograft science and biologic reconstruction of the musculoskeletal system. The Foundation, expects the PIs of MTF awards to attend the symposia, and present their work if requested. Support for travel may be provided at the discretion of the Foundation.

13. FINANCIAL OFFICER INFORMATION

13a. FINANCIAL OFFICER

Name: _____ Phone: _____
 Title: _____ Fax: _____
 Street Address: _____ e-mail: _____
 City, State, Zip: _____

13b. FINANCIAL OFFICER SIGNATURE: _____

PAYMENT INFORMATION

Payee For Check: _____

Address For Check: _____

Street Address: _____

City, State, Zip: _____

14. ADDITIONAL INVESTIGATOR INFORMATION14. NAME AND SIGNATURE OF ADDITIONAL INVESTIGATORS *(If Applicable)*

1). NAME: _____ SIGNATURE: _____

2). NAME: _____ SIGNATURE: _____

Please select 3 categories that relate to this project.*Number them 1, 2, 3 in order of relevance to the project - with 1 being the most applicable to the project, etc.**This will enable MTF to report on the use of our grant funds.*

- | | | |
|--|---|--|
| <input type="checkbox"/> General Individual Research | <input type="checkbox"/> Shoulder/Elbow | <input type="checkbox"/> Biomaterials |
| <input type="checkbox"/> Adult Spine | <input type="checkbox"/> Sports Medicine | <input type="checkbox"/> Molecular Biology |
| <input type="checkbox"/> Children's Orthopaedics | <input type="checkbox"/> Trauma | <input type="checkbox"/> Microscopy |
| <input type="checkbox"/> Foot & Ankle | <input type="checkbox"/> Outcomes | <input type="checkbox"/> Epidemiology |
| <input type="checkbox"/> Hand & Upper Extremity | <input type="checkbox"/> Clinical Science | <input type="checkbox"/> Other |
| <input type="checkbox"/> Hip & Knee | <input type="checkbox"/> Biology | |
| <input type="checkbox"/> Oncology | <input type="checkbox"/> Biochemistry | |

Principal Investigator (Last, First, Middle) _____

ABSTRACT OF RESEARCH PLAN: Please provide a **one page abstract** with five underlined phrases to highlight the project. The abstract should be a stand-alone item that provides some background and rationale to the research being proposed; hypothesis; specific aims; experimental design; and potential outcomes.
DO NOT EXCEED THE SPACE PROVIDED.

Principal Investigator (Last, First, Middle) _____

PERFORMANCE SITE(S) (organization, city, state) Indicate where the work described in the Research Plan will be conducted. If there is more than one performance site, list all the sites, including V.A. facilities and provide an explanation on the Resources page (HH) of the application.

KEY PERSONNEL. Use continuation pages as needed to provide the required information in the format shown below. Describe specific functions under justification on form Page 7.

<u>Name</u>	<u>Organization</u>	<u>Role on Project</u>
		Principal Investigator

Type the name of the principal investigator at the top of each printed page and each continuation page.

CAREER DEVELOPMENT AWARD

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Detailed Budget for Initial Budget Period 6

Budget for Entire Proposed Period of Support 7

Biographical Sketch - Principal Investigator (*Not to exceed two pages*)..... 8 - ____

Other Biographical Sketches (*Not to exceed two pages for each.*) ____

Other Support..... ____

Resources ____

Research Plan

(Items a-d: not to exceed 20 pages)

a) Specific Aims ____

b) Background and Significance..... ____

c) Preliminary Studies/Progress Report..... ____

d) Research Design and Methods ____

e) Human Subjects..... ____

f) Vertebrate Animals..... ____

g) Literature Cited..... ____

h) Statement on Career Goals ____

i) Role of the Orthopaedic Surgeon ____

j) Relevance of the Project to the Mission of MTF..... ____

DETAILED BUDGET FOR INITIAL BUDGET PERIOD	FROM	THROUGH
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PERSONNEL (<i>Applicant organization only</i>)		DOLLAR AMOUNT REQUESTED (<i>omit cents</i>)			
NAME	ROLE ON PROJECT	% EFFORT ON PROJECT	SALARY REQUESTED	FRINGE BENEFITS	TOTALS
	Principal Investigator				

SUBTOTALS →			
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PERMANENT EQUIPMENT (<i>Itemize</i>)	
CONSUMABLE SUPPLIES (<i>Itemize by category</i>)	
ANIMALS AND ANIMAL CARE	
ALL OTHER EXPENSES (<i>Itemize by category</i>)	

TOTAL COSTS FOR INITIAL BUDGET PERIOD (<i>Item 6, Face Page</i>) →	\$
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BUDGET FOR ENTIRE PROPOSED PERIOD OF SUPPORT

BUDGET CATEGORY TOTALS	INITIAL BUDGET PERIOD (From PAGE DD)	YEAR 2	YEAR 3
PERSONNEL-Salary and fringe benefits. Applicant organization only.			
PERMANENT EQUIPMENT			
CONSUMABLE SUPPLIES			
ANIMALS AND ANIMAL CARE			
ALL OTHER EXPENSES			
TOTAL COSTS			

TOTAL COSTS FOR ENTIRE PROPOSED PERIOD OF SUPPORT (Item 7, FACE PAGE)	\$
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JUSTIFICATION: Follow the budget justification instructions in the MTF guidelines. Use continuation pages as needed.

BIOGRAPHICAL SKETCH

*Provide the following information for the key personnel in the order listed on Page BB.
Photocopy this page or follow this format for each person.*

NAME	POSITION TITLE	SOCIAL SECURITY #	BIRTHDATE

EDUCATION/TRAINING (*Begin with baccalaureate or other initial professional education and include postdoctoral training.*)

INSTITUTION /CITY/STATE	DEGREE(S)	YEAR(S)	FIELD(S) OF STUDY

RESEARCH AND/OR PROFESSIONAL EXPERIENCE: Concluding with present position, list in chronological order previous employment, experience, and honors over the past 10 years. Provide a clear statement on your credentials and how they relate to this project. List, in chronological order, the complete references to all publications during the past three years and prior publications pertinent to this application.

OTHER SUPPORT

There is no form page for *Other Support*.

Information on *Other Support* should be provided in the *format* shown below, using continuation pages.

Include the Principal Investigator's name at the top and number consecutively with the rest of the application.

Please list MTF first.

Format

NAME OF INDIVIDUAL		
<u>ACTIVE/PENDING</u>		
Project Number (Principal Investigator) Source Title of Project (or Subproject) The major goals of this project are...	Dates of Approved/Proposed Project Annual Direct Costs	% Effort
<u>OVERLAP</u> (summarized for each individual)		

RESOURCES

FACILITIES: Specify the facilities to be used for the conduct of the proposed research. Indicate the performance sites and describe capacities, pertinent capabilities, relative proximity, and extent of availability to the project. Under "Other," identify support services such as machine shop, electronics shop, and specify the extent to which they will be available to the project. Use continuation pages if necessary.

Laboratory:

Clinical:

Animal:

Computer:

Office:

Other:

MAJOR EQUIPMENT: List the most important equipment items already available for this project, noting the location and pertinent capabilities of each.