



The American Society for  
Bone and Mineral Research

## **Program Announcement**

# **ASBMR JUNIOR FACULTY OSTEOPOROSIS RESEARCH AWARD**

**Application Deadline: Thursday, June 26, 2014**

**Clinical Research in Osteoporosis Award**

**Basic Research in Osteoporosis Award**

# **ASBMR Junior Faculty Osteoporosis Research Awards**

## **Table of Contents**

<b>Introduction .....</b>	<b>3</b>
---------------------------	----------

### **Clinical Research in Osteoporosis Award Guidelines**

<b>Objectives.....</b>	<b>5</b>
<b>Eligibility.....</b>	<b>5</b>
<b>Focus of Application.....</b>	<b>5</b>
<b>Commitment from Home Department.....</b>	<b>7</b>

### **Basic Research in Osteoporosis Award Guidelines**

<b>Objectives.....</b>	<b>6</b>
<b>Eligibility.....</b>	<b>6</b>
<b>Focus of Application.....</b>	<b>6</b>
<b>Commitment from Home Department.....</b>	<b>7</b>

### **Requirements**

<b>The Financial Award.....</b>	<b>8</b>
<b>Funding Cycle.....</b>	<b>8</b>
<b>Human and Animal Studies.....</b>	<b>8</b>
<b>Conflict of Interest.....</b>	<b>9</b>
<b>Mentor/Collaborator .....</b>	<b>9</b>
<b>Patent, Intellectual Property, and Technology Transfer Policy .....</b>	<b>9</b>
<b>Scientific Misconduct.....</b>	<b>9</b>
<b>Submission and Review Process.....</b>	<b>9</b>

### **Preparing the Application**

<b>Specific Instructions (both awards).....</b>	<b>10-16</b>
---	--------------

## ASBMR Junior Faculty Osteoporosis Research Awards

### Introduction

The mission of the American Society for Bone and Mineral Research (ASBMR) is to promote excellence in bone and mineral research, foster integration of clinical and basic science, and facilitate the translation of that science to health care and clinical practice through the education and development of future researchers in the bone and mineral field. To this end, ASBMR is offering one junior faculty research award for research related to osteoporosis, in clinical research or basic research. This award is supported by an educational grant from Amgen, Inc. and is designed for ASBMR members who are in their early career stage and conducting research related to osteoporosis. **Applications will be accepted from Tuesday, May 20<sup>th</sup> to Thursday, June 26<sup>th</sup>.**

ASBMR will offer funding opportunities for young investigators in the following award categories:

- **Junior Faculty Clinical Research in Osteoporosis**
- **Junior Faculty Basic Research in Osteoporosis**

Announcement of the award recipient will be made in September 2014.

**Deadline for Receipt of Application: Thursday, June 26, 2014.**

<b>Amount of Award:</b>	<b>Up to \$50,000 (direct costs, US dollars)</b> <b>Additional 10% indirect costs to institution</b>
<b>Duration of Award:</b>	<b>One year (non-renewable)</b>
<b>Funding Cycle:</b>	<b>See Instructions (Requirements Applicable to All Awards, Section II Funding Cycle)</b>

**Purpose of Award:**

The ASBMR Junior Faculty Osteoporosis Research Award is intended to foster the academic potential and careers of bone and mineral faculty members, clinical and basic research investigators, and to stimulate the academic growth of the applicants' department. The award is designed to promote research related to osteoporosis and develop future careers in the bone field for the applicant.

**Research Topic: Osteoporosis**

Clinical or basic research related to osteoporosis is eligible for funding. Some examples of possible research topics are: epidemiology, outcomes, post fracture management, adherence, cell based studies that might include MSCs or IPS cells from patients, further analyses of candidate genes or signaling pathways implicated in the disease and low bone density, cellular mechanisms related to osteoporosis and using osteoporosis murine models, and other clinical and basic research topics related to osteoporosis.

**Who Can Apply?**

To be eligible for the award an applicant must be an ASBMR member (US or International) at the junior faculty level (up to assistant professor level) who does not have other funding for their research project. The applicant must be the principal investigator on the research project and have responsibility for its design and development. International members are encouraged to apply.

**Where to Apply?**

Submit application via the ASBMR Junior Faculty Osteoporosis Research Award web site:

**<http://www.asbmr.org/apps/grants/Default.aspx>**. **Only applications that are submitted online will be accepted.**

**Contact Information:**

For questions about the award or the application process, contact:

Earline Marshall, Senior Grants Administrator, ASBMR Junior Faculty Osteoporosis Research Award  
American Society for Bone and Mineral Research

2025 M Street, NW, Suite 800

Washington, DC 20036-3309 USA

Tel: +1 (202) 367-1161; Fax: +1 (202) 367-2161

E-mail: [emarshall@asbmr.org](mailto:emarshall@asbmr.org)

## ASBMR Junior Faculty Osteoporosis Research Awards

### Clinical Research in Osteoporosis Award

The overall goal of this program is to strengthen and expand the clinical research of the awardee, and to provide funding for obtaining data that would allow the applicant to define research objectives that would enable him or her to further his or her career in clinical osteoporosis-related research. This award provides the applicant with experience in conducting clinical research where the applicant is the principal investigator and responsible for all aspects of designing the scope, conducting the research and determining the outcomes.

#### Objectives:

This award is designed to provide resources for applicants to:

- spend dedicated time to develop their independent clinical research project;
- provide salary and clinical research support to offer relief from academic responsibilities; and
- develop preliminary data to be used to compete for government, private foundation, and/or industry research support.

#### Eligibility:

The applicant should be employed at the junior faculty level (up to assistant professor level). If the home Department is not affiliated with a University, the applicant must demonstrate credentials consistent with those of a junior faculty member or equivalent.

Applicants must submit a clinical research project related to osteoporosis. The applicant must be the principal investigator on the research project and have responsibility for its design and development.

The applicant must be a current member of the ASBMR at the time of application and award. **All applications must be in compliance with the instructions and guidelines for the award. All applications that are not in compliance will be ineligible.**

#### Focus of Application:

The application should focus on the potential of the clinical osteoporosis-related research project, as well as the future research career direction of the applicant. The applicant and the head of his/her home department are required to address how the award will facilitate the clinical research independence of the applicant.

## ASBMR Junior Faculty Osteoporosis Research Awards

### Basic Research in Osteoporosis Award

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#### Objectives:

This award is designed to provide resources for applicants to:

- spend dedicated time to develop their independent research program;
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The applicant should be employed at the junior faculty level (up to assistant professor level). If the home Department is not affiliated with a University, the applicant must demonstrate credentials consistent with those of a junior faculty member or equivalent.

Applicants must submit a basic research project related to osteoporosis. The applicant must be the principal investigator on the research project and have responsibility for its design and development.

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#### Focus of Application:

The application should focus on the potential of the basic osteoporosis-related research project, as well as the future research career development of the applicant. The applicant and the head of his/her home department are required to address how the award will facilitate the research independence of the applicant.

#### Commitment of Home Department:

The applicant's home department must be able to demonstrate a commitment to the applicant's academic enrichment. The home department will eventually be responsible for the continued support of the academic development of the applicant. This commitment would include, but is not be limited to, financial and other resources. The home department must be able to demonstrate how such support will be provided once the awardee has returned to full-time activity within the department and how the award will foster research independence of the applicant. A letter signed by the Chair of the Department which documents this support should be appended to the application.

## Requirements Applicable to All Award-Types

### I. The Financial Award

This award will provide up to a maximum of \$50,000 direct costs (plus 10% indirect costs to the institution), and is not renewable. If the awardee resides outside the United States, the award will be made at the rate of currency exchange in place at the time the award is made to the awardee's institution. This award is *not* designed to support a project for which the investigator has received other funding. Budgets should reflect US dollars only and will be awarded in US dollars only. **One award will be given in either clinical research or basic research.**

### II. Funding Cycle

The term of the award, while not to exceed 12 months, is flexible within the time period from October 2014 to September, 2015. *The application should note the start and end dates for the study – see Item 6 on Face Page (Form Page 1) of the ASBMR Junior Faculty Award application form.*

### II. Human and Animal Studies

#### Human Studies

If human experimentation is to be performed during the period of the award, the Department and the institution to be used as the research site (whether this is the applicant's home institution or another institution, or both) must document the following:

- That all clinical investigations detailed in the application are conducted in accordance with the Declaration of Helsinki (<http://www.wma.net/en/30publications/10policies/b3/>).
- That these studies have been approved by the appropriate institutional human research committee.
- That the applicant received official approval from the institution at which the studies are conducted to participate in the clinical research studies at the research site (see Specific Instructions, Form Page 2, Performance Site).

#### Animal Studies

If animal experimentation is to be performed during the period of the award, the Department and Institution to be used as the research site must document the following:

- That the experimental procedures are in compliance with the guiding principles in the "Guidelines for Ethical Conduct in the Care and Use of Animals" (<http://www.apa.org/science/anguide.html>) and the National Institutes of Health (NIH) policy on Humane Care and Use of Laboratory Animals (<http://grants.nih.gov/grants/olaw/references/phspol.htm>)
- That the applicant received official approval from the institution at which the studies are conducted to participate in the studies at the research site (see Specific Instructions, Form Page 2, Performance Site)

#### Other Studies

If any studies are to be performed off site during the period of the award, in addition to the letter of support from the mentor/collaborator, the applicant must present documentation (such as a letter of support with institutional signature) that the institution approves the applicant participating in those studies.

### III. Conflict of Interest

It is the responsibility of the applicant to insure that he or she is in compliance with the conflict of interest policy of the applicant's home institution (and off-site institution if the investigator participates in studies at an off-site institution).

## ASBMR Junior Faculty Osteoporosis Research Awards

### IV. The Mentor/Collaborator (Optional)

We encourage applicants who need to learn new techniques or need guidance with their research to seek a mentor or collaborate with a senior investigator from their Home Department. The identified mentor/collaborator must be able and willing to support and or interact with the applicant to develop the skills the applicant will eventually need for further productivity and growth and should provide a clear description of the intellectual and other support the mentor/collaborator will provide during the course of study.

### V. Patent, Intellectual Property, and Technology Transfer Policy

If the institution receiving or disbursing ASBMR funds, which supported the invention, has an established and applicable patent, intellectual property, or technology transfer policy and procedure for administering inventions, ASBMR will defer to that policy.

### VI. Scientific Misconduct

If, during the funding cycle covered by the award, any administrative action is taken by any funding agency or the institution against an ASBMR-funded investigator in response to an allegation of scientific misconduct, the ASBMR Business Office must be notified promptly.

### VII. Submission and Review Process

**Applications must be received in electronic format (<http://www.asbmr.org/apps/grants/Default.aspx>) by Thursday, June 26, 2014.** If you do not receive an acknowledgement of receipt of application by Tuesday, July 8, 2014, please contact:

Earline Marshall, Senior Grants Administrator  
ASBMR Junior Faculty Osteoporosis Research Awards  
Tel: (202) 367-1161  
Fax: (202) 367-2161  
E-mail: [emarshall@asbmr.org](mailto:emarshall@asbmr.org)

If approved at the time of application, Institutional Review Board (IRB)\* or Institutional Animal Care and Use Committee (IACUC)\* approval must be included with the originally-signed face sheets and letters of recommendation. If IRB and/or IACUC approval are pending, then the documentation must be received by ASBMR by September 1, 2014.

*\*or equivalent organizations if outside the U.S.*

**No official Statement of Award will be issued until all administrative requirements have received final review and approval. All applications must be in compliance with the instructions and guidelines for the award. All applications that are not in compliance will be ineligible.**

Letters from the mentor/collaborator and Chairperson should document this support and the entire application, with letters of support **must be approved/signed by the official signing for the home institution (and by an official signing for the off-site institution if studies are to be performed at that institution)** – see Specific Instructions, Form Page 2, Performance Site.



## Preparing the Application

**PLEASE NOTE: All applications must be in compliance with the instructions and guidelines for the award. All applications that are not in compliance will be ineligible.**

Font size limitations must be observed throughout the application, including literature cited. The type must be clear and legible. Font size (Times) should be no smaller than 12 points. Single line spacing is acceptable. Figures, charts, tables, and figure legends may be smaller in size (10-pt font minimum) but must be clear and legible.

Deviations from the font size specifications and page limitations will be grounds to reject and return the entire application without peer review.

No supplementary material (updates, publications, etc.) will be accepted after the application deadline [with the exception of pending institutional endorsements and/or human/animal certifications which must be received within sixty (60) days of the application deadline (*application deadline April 22, 2013; final date for receipt of institutional endorsements July 22, 2013*)]. **The total application should not exceed 25 pages; applications that exceed the page limit requirement will not be reviewed.** Please adhere to the following page limits.

### Components of the Application & Page Limitations

Section	Page Limit	Content (Page Limitations)
Face Page (Form Page 1)	N/A	
Description (Form Page 2)	N/A	
Table of Contents (Form Page 3)	N/A	
Budget (Form Pages 4 and 5)	N/A	
Biographical Sketches (Biographical Sketch Format Page) <u>including those of mentors/collaborators</u>	2 each	No more than 2 pages for each person
Resources (Resources Format Page)	N/A	
Description of Basic or Clinical Research (Please follow NIH or international guidelines for writing grants)	8	This section should be no more than 8 pages in length and should include: Purpose, Design/Scope, Rationale, Aims, Outcome, Future Research Directions and Bibliography
Supporting Documentation	3	Chairperson's Statement (1 page) Mentor's/Collaborators' Statement (Optional/1 page) Institutional Statement (1 page)
IRB/IACUC Approval (if approved)	N/A	
Appendix	Cannot exceed 25 page limit	No more than 2 manuscripts or abstracts (or website references if readily available)

## ASBMR Junior Faculty Osteoporosis Research Awards

### Specific Instructions

#### 1. Face Page

##### **Title of Project**

Choose a title that is specifically descriptive, rather than general.

##### **Specify Award Type**

Check "Clinical Research Award" or "Basic Research Award"

Check "Yes" or "No" – To receiving Amgen funding

##### **Principal Investigator**

###### *Name of Principal Investigator*

Name the individual applying for the award.

###### *Degree(s)*

Indicate academic and professional degrees or other credentials, such as licenses (e.g., M.D.)

###### *Position Title*

Provide the academic or professional title of the principal investigator. If more than one title, indicate the one most relevant to the proposed project.

###### *Mailing Address*

Provide complete information (including room number, building, and street address) necessary for postal delivery.

###### *Department, Service, Laboratory, or Equivalent*

Indicate your organizational affiliation, such as "Department of Medicine."

###### *Major Subdivision*

Indicate your school or college. If there is no such subdivision, enter "None."

###### *Telephone and Fax Numbers*

Provide a daytime telephone and fax number. Specify country code if outside the United States.

###### *E-mail*

Enter the appropriate e-mail address.

##### **Human Subjects**

Check "No" if activities involving human subjects are not planned at any time during the proposed project period.

Check "Yes" if activities involving human subjects are planned at any time during the proposed project period. If yes, then provide the Institutional Review Board (IRB) approval date and send the IRB documentation of IRB approval with the originally-signed face sheet and letters of recommendation. IRB certification must include the title of the project, name of the principal investigator/program director, date of IRB approval, and appropriate signatures. *If IRB approval is pending, then documentation of IRB approval must be received by the ASBMR Office by September 1, 2014. If planning to participate in human studies at an off-site location, institutional approval of the off-site institution for such participation must be included with the application.*

## ASBMR Junior Faculty Osteoporosis Research Awards

*Provide number, if applicable.*

### **Vertebrate Animals**

Check "No" if activities involving vertebrate animals are not planned at any time during the proposed project period. Check "Yes" if activities involving vertebrate animals are planned at any time during the proposed project period.

### ***IACUC Certification\****

If "Yes," enter the date of approval and send the documentation of IACUC approval with the originally-signed face sheet and letters of recommendation. Certification must include the application number, title of project, name of principal investigator/program director, institution, Animal Welfare Assurance number, date of IACUC approval, and appropriate signatures. If pending, then enter "pending." The certification of IACUC approval must be submitted with the application or received by the ASBMR Office by September 1, 2014.

*\*or equivalent organization if outside the U.S.*

### ***Animal Welfare Assurance***

Enter the Assurance number of the applicant organization in Item 5b if the applicant organization has an approved Animal Welfare Assurance on file with the Office of Laboratory Animal Welfare (OLAW)\*. Insert "None" in if the organization does not have an approved Animal Welfare Assurance on file with OLAW. By inserting "None" and, by the signing on the face page, the applicant organization is declaring that it will comply with PHS policy regarding the care and use of animals by establishing an IACUC and submitting an Animal Welfare Assurance and certification of IACUC approval when requested to do so by OLAW.

*\*or equivalent organization if outside the U.S.*

### ***Dates of Proposed Period of Support***

Must be within funding cycle and cannot be less than two months. Because both awards require coordinating schedules with the mentor/collaborator, the term of the award, while not to exceed 12 months, is flexible within the time period from October 2013 to September 2014.

### **Costs Requested for Initial Budget Period**

#### ***Direct Costs Requested for Initial Budget Period***

Enter the direct costs only, in US dollars.

***In addition to the direct cost award, a maximum of 10% institutional indirect costs allowed for this award.***

### **Applicant Organization**

Enter the name and address of the applicant organization. The applicant organization is the institution that will receive and administer the funds if awarded.

## ASBMR Junior Faculty Osteoporosis Research Awards

### Administrative Official to Be Notified if Award Is Made

Name the applicant organization administrative official (usually the director of the grants and contract office) to be notified if an award is made. Provide a complete address for postal delivery and the telephone, fax, and e-mail address for the administrative official.

### Official Signing for Applicant Organization

Name the individual authorized to act for the applicant organization and to assume the obligations imposed by the Federal laws, requirements, and conditions for a grant or grant application, including the applicable Federal regulations. For electronic mail, enter the appropriate e-mail address.

## Description, Performance Sites, and Key Personnel

### Description

In this space provide a brief synopsis of the proposed program. The summary must be completed in the space provided. Include the following:

1. A statement of the specific aims of the program
2. The objectives to be achieved and their impact on the field
3. Methods or techniques used
4. Impact of the program on the applicant's research, academic career, and home department

### Performance Site(s)

Indicate where the work described in the Research Plan will be conducted. Use extra page if necessary. *If studies are performed at an off-site location, a signed letter indicating institutional approval from the off-site institution for the applicant to participate in these studies must be appended to the application. The signature must be that of the institutional official authorized to act for the applicant organization and to assume the obligations imposed by the Federal laws, requirements, and conditions for a grant or grant application, including the applicable Federal regulations.*

### Key Personnel

Key personnel should include the applicant and mentor/collaborator, if applicable. Avoid listing faculty and persons not directly related to the award.

## Research Grant Table of Contents

Provide the page number for each category listed on the Table of Contents. Consecutively number pages throughout the application. Place page numbers at the bottom of each page. Do not include unnumbered pages and do not use suffixes, such as 5a, 5b.

## Detailed Budget for Project Period

- A detailed budget, prepared in US dollars, showing how the award will be spent is necessary to ensure adequate support and time is dedicated towards the completion of the stated goals.
- Under **personnel** list only the applicant.
- The **type of appointment** should be the duration of the proposed project.
- The **percent effort** should match the stated training goal and the **institutional base salary** and **salary requested** should reflect the applicant's institution's standard pay for the applicant's academic rank.
- **Fringe benefits** should reflect the institutional negotiated fringe benefit rate.

## ASBMR Junior Faculty Osteoporosis Research Awards

- **Other costs** may be allowed but must be justified on Form Page 5 (see below). Specifically funds can be used for payment for clinical release time, for living expenses, and for purchase of supplies and other resources related to the specific project proposed.
- Funds can be used for the purchase of equipment or computers; however, **funds cannot be used to purchase equipment over \$5,000**. Neither should funds be used for supplies needed to complete work unrelated to the specific project proposed, or support of the mentor, technicians, research assistants, or clerical staff.
- **The award may not be used to support training in administrative, financial or management skills.** The pursuit of advanced degrees or the undertaking of advanced course work will not be funded.
- Expenses for travel must be thoroughly justified. Travel expenses may include coach-class or economy travel only.
- *Please double check your final total direct costs figure to make sure it is correct.*

### Budget Justification

**Applicant must justify any item over \$1,000 (US) listed on Form Page 4.**

### Biographical Sketch

A biographical sketch (limited to two pages for each person) is required for the candidate and mentor/collaborator. The mentor/collaborator and investigator should follow the instructions on the "Biographical Sketch Format Page."

### Education

The applicant should give the month as well as the year for each degree conferred. For non-degree education, indicate the time period covered. List professional certifications received within the last ten years.

### Research and/or Professional Experience

The applicant should use the topic headings given below. Identify each heading.

#### Employment

Start with the first position held following the baccalaureate and give a consecutive record to date. Indicate the department and organization, department head or supervisor, rank, tenured or non-tenured, status (full-or part-time), and inclusive dates. Where applicable, include information on military service, internships, residencies, research assistantships, fellowships, etc.

#### Honors

List academic and professional honors.

#### Professional Societies

Identify professional societies and related organizations in which membership has been held within the last ten years, giving dates.

## ASBMR Junior Faculty Osteoporosis Research Awards

### **Publications**

List all publications (chronologically), divided into the following groups:

- Original research and theoretical treatises;
- Non-experimental articles, e.g., review of literature in field, etc.;
- Books, pamphlets, etc.
- Patents. Provide the patent number, country, year, registered name, title, status (provisional, PCT, National Phase), and funding source of the patent.
- If the list of publications cannot be accommodated within the two-page limit, select the most pertinent publications. If a copy of a publication is being submitted with the application, indicate with an asterisk and footnote ("copies sent"). If the publications are freely and readily available on the internet, provide the correct URL addresses.

### **Resources**

Follow the sample format and instructions on the "Resources Format Page" when completing information on resources available for the project.

### **Description of the Proposed Project**

Use continuation page forms. This section should provide a clear and concise description of the proposed grant. It should be no more than 8 pages in length and should follow institutional guidelines on writing grants. You may use the National Institutes of Health (NIH) grant writing guidelines or other international grant agency guidelines. This section could include the following: purpose, design, scope, rationale, aims, outcomes, future research directions (should also briefly address how this research project will further applicant's career in the bone field).

**Bibliography** (key references).

### **Supporting Documentation**

The following documents should also be submitted for both the Basic and Clinical Research Award:

1. Signed statement from of the Head of Department attesting to the departmental support for the applicant. This letter should specifically state how the applicant's departmental responsibilities would be covered, if applicable, and a statement regarding resource commitment.
2. The Head of the home department must demonstrate a commitment for continued academic development of the scholar once the clinical or basic research period is completed. Promise of future release time, financial support, or the use of other departmental or institutional resources may demonstrate this commitment. A letter (included with 9.1 is acceptable) specifically stating the how the home institution will support the applicant is required.
3. Signed statement from the mentor/collaborator (if applicable) attesting to his or her willingness to assist the applicant in acquiring the skills described in the application. The document should include a statement regarding time and resource commitment.
4. Appropriate documentation and signatures from the mentor's or collaborator's institution (if applicable) indicating approval of awardee participation in off-site studies (see Specific Instructions above, Form Page 2, Performance Site).
5. Documentation where appropriate of Institutional Review Board (IRB) or Institutional Animal Care and Use Committee (IACUC) approval as outlined above in Specific Instructions, Form Page 1, Items 4, 5, 5a and 5b.

## ASBMR Junior Faculty Osteoporosis Research Awards

### Appendix

Limit the appendix to two manuscripts or abstracts that are not in print or in the mainstream literature. You may include specific data gathering instruments that are pertinent to the application. . **Please remember that your grant will be ineligible if you exceed the 25 page total application limit.**

### Post-Award Requirements

*ASBMR is interested in documenting the value of the Junior Faculty Award Program. Therefore, the successful applicant will be required to provide feedback on his/her career development for the four years following the successful completion of the award. ASBMR will provide a form (via email) that will request information on the status of the awardees' faculty status, publications, grant awards, and invited presentations. It will be the responsibility of the awardee to inform ASBMR of any change in address during this period.*

**PLEASE NOTE:** All applications must be in compliance with the instructions and guidelines for the award. All applications that are not in compliance (and not within the appropriate 25 page limit) will be ineligible.