

WEEKLY FUNDING ALERTS

Week of 07.23.09

Featured Funding Opportunity

[Awards to Support Research on the Biology of Aging in Invertebrates \(R01\)](#)

Description: Identification and development of new invertebrate models for pursuing biology of aging research. Applications should focus on the identification, development and characterization of new invertebrate models that have short lifespans.

Deadline: Internal: September 4, 2009 / October 30, 2009

Amount: Up to \$250,000

Eligibility: *Limited Submission* – See below & full announcement: Applicants, whether individuals or institutions, may submit only one application each.

Limited Submission: This opportunity requires internal coordination since an institution may submit only one application. If you intend to apply, complete a limited submission form at <http://ozone.ohsu.edu/research/rda/funding/lmsubform.php> before the internal deadline.

Please see the Department of Defense opportunities for Genetic Cancer, Lung Cancer and Ovarian Cancer

Non-Federal, Foundation and Corporate Opportunities

OHSU Foundation Tracking and Clearance: Please note all of the following private foundation opportunities require OHSU Foundation clearance, unless otherwise indicated. If you intend to apply, please follow the instructions and complete the OHSU Foundation tracking and clearance form available at <http://ozone.ohsu.edu/research/rda/funding/clearance.shtml#foundation>.

[Pharmaceutical Research and Manufacturers of America Foundation \(PhRMA\) – Multiple Opportunities in Pharmacology/Toxicology](#)

Deadline: September 1, 2009 (See individual opportunities for internal deadlines)

[Pharmacology/Toxicology Pre Doctoral Fellowships](#)

Deadline: *Internal: July 31, 2009* / External: September 1, 2009

Description: The program is designed for promising students during their thesis research who expect to complete the requirements for the Ph.D. in the fields of pharmacology or toxicology in two years or less from the time the fellowship begins. The focus of the program is to assist in the predoctoral training of the candidate. It should not be viewed as a program to fund a research project.

Amount: The fellowship provides a stipend of \$20,000 a year payable monthly for a minimum of one year and a maximum of two years. Of the \$20,000 awarded annually, up to \$500 a year may be used for incidentals directly associated with the thesis research preparation (e.g., secretarial help, artwork, books, travel, etc.).

Eligibility: *Limited Submission* – See below and full announcement for details: The PhRMA Foundation will accept only one application per academic institution. For full-time, in-residence Ph.D. candidates in the fields of pharmacology or toxicology who are enrolled in USA schools of medicine, pharmacy, dentistry or veterinary medicine. The program supports full-time advanced students who will have completed the bulk of their pre-thesis requirements (at least two years of study) and are engaged in thesis research as Ph.D. Candidates by the time the award is activated.

Limited Submission: This opportunity requires internal coordination since an institution may submit only one application. If you intend to apply, complete a limited submission form at <http://ozone.ohsu.edu/research/rda/funding/lmsubform.php> before the internal deadline.

[Pharmacology/Toxicology Post Doctoral Fellowships](#)

Description: Provides stipend support for individuals engaged in a multidisciplinary research training program that will create or extend their credentials in pharmacology or toxicology.

Amount: \$40,000 annual stipend. The program provides no other subsidies (travel, tuition, fringe benefit costs, etc.) and indirect costs to the institution are not provided.

Eligibility: Applicants must either (1) hold a Ph.D. degree or appropriate terminal research doctorate in a field of study logically or functionally related to the proposed post doctoral activities, or (2) expect to receive the Ph.D. before activating the award. They must also have a firm commitment from a mentor at an accredited U.S. university and be a U.S. citizen or permanent resident.

[Pharmacology/Toxicology Sabbatical Fellowships](#)

Description: Program provides stipend support for individuals engaged in a multidisciplinary research training program that will create or extend their credentials in pharmacology or toxicology. The purpose of this program is to enable faculty with active research programs to work outside of their home institution for periods of 6 months to one year to learn new skills or develop new collaborations that will enhance their research and research training

capabilities in pharmacology/toxicology.

Amount: Up to \$40,000 stipend. Matching funds must be provided by the home institution.

Eligibility: Applicants must (1) hold a Ph.D. degree or appropriate terminal doctorate and record of research accomplishment in a field of study logically or functionally related to the proposed post doctoral activities, (2) hold a faculty appointment that imparts eligibility for a sabbatical leave from their home institution, (3) have institutional approval of a sabbatical plan that includes partial salary that matches the PhRMA stipend, (4) hold an endorsement from a mentor who agrees to sponsor the applicant's visiting scientist activity, and (5) be a U.S. citizen or permanent resident.

Pharmacology/Toxicology Research Starter Grants

Description: To offer financial support to individuals beginning their independent research careers at the faculty level. The areas of interest within this program are research efforts in the fields of pharmaceuticals, including basic pharmaceuticals, biopharmaceuticals, pharmaceutical technology and pharmaceutical biotechnology. The "starter" aspect of the program strives to assist those individuals who are establishing careers as independent investigators in the fields listed above. The program is not offered as a means to augment an ongoing research effort. Nor is the grant intended to be used for any direct effort to obtain further extramural funding. The funds are to be used to conduct the proposed research. This program supports individuals beginning independent research careers in academia who do not have other substantial sources of funding.

Amount: \$30,000

Eligibility: *Limited Submission at the Departmental Level* – See below & full announcement - Only schools of pharmacy are eligible for this award. See below & full announcement - Applicants must be U.S. citizens or permanent residents holding the academic, tenure track, rank of instructor or assistant professor, or be investigators at the doctoral level with equivalent positions. Individuals holding non-tenure track positions, such as Research Assistant Professor or Visiting Assistant Professor, are not eligible to apply. The program is not intended for those in postdoctoral training programs. However, individuals in postdoctoral training scheduled to conclude, and who will hold an academic appointment, by January 1, 2008 may apply.

Limited Submission at the Departmental Level: Please note these opportunities require internal coordination since a Pharmacology department or division may only nominate candidates. If you intend to apply, please contact your department/division head or chair.

Pharmaceutical Research and Manufacturers of America Foundation (PhRMA) – Multiple Opportunities in Informatics

Deadline: September 1, 2009

Informatics Pre Doctoral Fellowship

Deadline: Internal: *Internal: July 31, 2009* / **External:** September 1, 2009

Description: The goal of the program is to promote the use of informatics in an integrative approach to the understanding of biological and disease processes. Informatics awards will support career development of scientists engaged in computational and experimental research to integrate cutting-edge information technology with advanced biological, chemical, and pharmacological sciences. Program aims at supporting promising students during their thesis research. The program provides a stipend and funds to cover costs incidental to the training. The program is designed for candidates who expect to complete the requirements for the Ph.D. in the fields of informatics in two years or less from the time the fellowship begins. The program assumes that the fellows will devote full-time (including summers) to their research.

Amount: Stipend of \$20,000 a year for up to two years.

Eligibility: *Limited Submission* – See below & full announcement: Due to the high demand for this fellowship, the PhRMA Foundation will accept only two applications per academic institution. For full-time, in-residence Ph.D. candidates in the fields of informatics who are enrolled in USA schools of medicine, pharmacy, dentistry or veterinary medicine. The program supports full-time advanced students who will have completed the bulk of their pre-thesis requirements (at least two years of study) and are engaged in thesis research as Ph.D. Candidates by the time the award is activated. Applicants must be U.S. citizens or permanent residents.

Limited Submission: This opportunity requires internal coordination since an institution may submit only two application. If you intend to apply, complete a limited submission form at

<http://ozone.ohsu.edu/research/rda/funding/limsubform.php> before the internal deadline.

Informatics Post Doctoral Fellowship

Description: Provides stipend support for individuals engaged in a multidisciplinary research training program that will create or extend their credentials in informatics. The intent of this program is to support post doctoral career development activities of individuals preparing to engage in research that will bridge the gap between experimental and computational approaches in genomic and biomedical studies.

Amount: \$40,000 annual stipend.

Eligibility: Applicants must either (1) hold a PhD degree in a field of study logically or functionally related to the proposed post doctoral activities, or (2) expect to receive the PhD before activating the award. They must also

have a firm commitment from an accredited U.S. university and be a U.S. citizen or permanent resident.

Informatics Sabbatical Fellowship

Description: Provides stipend support for individuals engaged in a multidisciplinary research training program that will create or extend their credentials in informatics. The purpose (intent) of this program is to enable faculty with active research programs to work outside of their home institution for periods of six months to one year to learn new skills or develop new collaborations that will enhance their research and research training capabilities in informatics.

Amount: Up to \$40,000 stipend. Matching funds must be provided by the home institution.

Eligibility: Applicants must (1) hold a PhD or MD degree in a field of study logically or functionally related to the proposed post doctoral activities, (2) hold a faculty appointment that imparts eligibility for a sabbatical leave from their home institution, (3) have institutional approval of a sabbatical plan that includes partial salary that matches the PhRMA stipend, (4) hold an endorsement from a mentor who agrees to sponsor the applicants visiting scientist activity, and (5) be a U.S. citizen or permanent resident.

Informatics Research Starter Grant

Description: To offer financial support to individuals beginning their independent research careers at the faculty level. This program supports individuals beginning independent research careers in academia who do not have other substantial sources of research. The areas of interest within this program consists of research that supports career development of scientists engaged in computational and experimental research to integrate cutting edge information technology with advanced biological, chemical, and pharmacological sciences in genetics, genomics and proteomics (see full announcement for details).

Amount: \$60,000 for one year. Funds are generally unrestricted, with flexibility of use - a characteristic of the program. In an effort to gain the maximum usefulness, some guidelines are in order. The funds may not be used for salary support of the grantee, but may be used to support technical assistance.

Eligibility: *Limited Submission at the Departmental Level* – See below & full announcement: Applicants must be sponsored by the department or unit in which the proposed research is to be undertaken. Those holding the academic rank of instructor or assistant professor and investigators at the doctoral level with equivalent positions are eligible to apply for these research starter grants, providing their proposed research is neither directly nor indirectly subsidized to any significant degree by an extramural support mechanism.

Limited Submission at the Departmental Level: Please note these opportunities require internal coordination since a Pharmacology department or division may only nominate candidates. If you intend to apply, please contact your department/division head or chair.

Pharmaceutical Research and Manufacturers of America Foundation (PhRMA) – Multiple Opportunities in Pharmaceutics

Deadline: October 1, 2009

Pharmaceutics Pre Doctoral Fellowship

Description: For applicants who expect to complete the requirements for the Ph.D. in pharmaceutics in two years or less from the time the fellowship begins. For the purposes of this program, pharmaceutics includes basic pharmaceutics, biopharmaceutics and pharmaceutical technology. The focus of the program is to assist in the predoctoral training of the applicant. It should not be viewed as a program to fund a research project. It should be stressed that the quality of the research proposed will be a major factor in the selection of fellows.

Amount: Stipend of \$20,000 a year payable monthly for a minimum of one year and a maximum of two years. Of the \$20,000 awarded annually, up to \$500 a year may be used for incidentals directly associated with the thesis research preparation (e.g., secretarial help, artwork, books, travel, etc.).

Eligibility: Applicants must hold a B.S., M.S., or Pharm.D. degree in pharmacy or a related area such as chemistry or biology from an accredited school in the U.S. A candidate enrolled in a Pharm.D./Ph.D. program should not be taking required clinical course work or clinical clerkships during the tenure of the fellowship. Also, before an individual is eligible to apply for a PhRMA Foundation award, the applicant must first have a firm commitment from a U.S. university, and must be a U.S. citizen or permanent resident.

Pharmaceutics Post Doctoral Fellowship

Description: To encourage more qualified graduates to obtain postdoctoral research training in pharmaceutics. The Foundation seeks to achieve this goal by providing fellowships each year to qualified applicants who have the opportunity to become involved with mentors, facilities and programs that, collectively, can be expected to provide an excellent environment for the fellow.

Amount: \$40,000 annual stipend.

Eligibility: Applicants must either (i) hold a Ph.D. degree in pharmaceutics or a related discipline from an accredited U.S. university or (ii) expect to receive such a degree before activating the fellowship. The mentor of the fellow must be in an accredited school of pharmacy. Alternatively, a student with a Ph.D. from a school of pharmacy may use the fellowship to study with a mentor in any science or engineering department. Applicants should indicate a strong determination to continue their research careers in pharmaceutics following completion of

the fellowship. The applicant must first have a firm commitment from a university in the U.S. Applications must be submitted by an accredited U.S. school and all applicants must be U.S. citizens or permanent residents.

Pharmaceutics Sabbatical Fellowship

Description: To enable pharmaceutics faculty members at all levels with active research programs the opportunity to work at other institutions for periods of from six months to one year to learn new skills or develop new collaborations that will enhance their research and research training activities in pharmaceutics. Applicants are expected to have approval (or pending approval) for a sabbatical leave from their home institution, and provide an endorsement from the mentor who will sponsor their sabbatical activity. Matching funds must be provided through the university.

Amount: Up to \$40,000 stipend support. Matching funds must be provided by the home institution.

Eligibility: Applicants must (1) hold a PhD, Pharm.D., M.D. or Sc.D. degree in a field of study logically or functionally related to the proposed post doctoral activities, (2) hold a faculty appointment that imparts eligibility for a sabbatical leave from their home institution, (3) have institutional approval of a sabbatical plan that includes partial salary that matches the PhRMA stipend, (4) hold an endorsement from a mentor who agrees to sponsor the applicant's visiting scientist activity, and (5) be a U.S. citizen or permanent resident.

Pharmaceutics Research Starter Grant

Description: To offer financial support to individuals beginning their independent research careers at the faculty level. The areas of interest within this program are research efforts in the fields of pharmaceutics. The funds are to be used to conduct the proposed research. This program supports individuals beginning independent research careers in academia who do not have other substantial sources of funding.

Amount: \$60,000 for one year. The funds may not be used for salary support of the grantee, but may be used to support technical assistance.

Eligibility: *Limited Submission at the Departmental Level* – See below & full announcement: Applicants must be sponsored by the department or unit within which the proposed research is to be undertaken - Only schools of pharmacy are eligible for this award. Those holding the academic, tenure track, rank of instructor or assistant professor and investigators at the doctoral level with equivalent positions are eligible to apply for these research starter grants, providing their proposed research is neither directly nor indirectly subsidized to any significant degree by an extramural support mechanism.

Limited Submission at the Departmental Level: Please note these opportunities require internal coordination since a Pharmacology department or division may only nominate candidates. If you intend to apply, please contact your department/division head or chair.

American Lung Association – Multiple Opportunities

Deadline: October 21, 2009

Biomedical Research Grants (RG)

Description: For seed monies for investigators researching the mechanisms of lung disease and general lung biology.

Amount: \$40,000 per year for up to two years.

Eligibility: Applicant must hold a doctoral degree, be assured of a faculty appointment with demonstrated institutional commitment (start up funds, research space) by the start of the award and have completed two years of post-doctoral research training. Faculty appointments must be in an academic or not-for-profit institution.

Clinical Patient Care Research Grant (CG)

Description: For seed monies for investigators working on traditional clinical studies examining methods for improving patient care and treatment for lung disease.

Amount: \$40,000 per year for up to two years.

Eligibility: Applicant must hold a doctoral degree, be assured of a faculty appointment with demonstrated institutional commitment (start up funds, research space) by the start of the award and have completed two years of post-doctoral research training. Faculty appointment must be in an academic or not-for-profit institution.

Social-Behavioral Research Grant (SB)

Description: For seed monies for investigators working on epidemiological and behavioral studies examining risk factors affecting lung health. This grant includes studies concerning the ethical, legal, and economic aspects of health services and policies.

Amount: \$40,000 per year for up to two years.

Eligibility: Applicant must hold a doctoral degree, be assured of a faculty appointment with demonstrated institutional commitment (start up funds, research space) by the start of the award and have completed two years of post-doctoral research training. Faculty appointment must be in an academic or not-for-profit institution.

Lung Health Dissertation Grant (LH)

Description: For pre-doctoral support for students with an academic career focus and/or nurses pursuing a doctoral degree. Research areas of particular interest to the American Lung Association are: psychosocial, behavioral, health services, health policy, epidemiological, biostatistical and educational matters related to lung

disease.

Amount: \$21,000 per year for up to two years.

Eligibility: Applicant must be a matriculating student in good standing in a full-time academic program leading to a doctoral degree in one of the following fields: Psychosocial lung health research, Behavioral lung health research, Health services and health policy research, Epidemiological and biostatistical lung health research, Public Health education research. Individuals with an MD degree who wish to acquire a PhD are not eligible. However, nurses pursuing a doctoral degree in any field are eligible. Individuals conducting bench research not involving patients or patient data are not eligible.

[Senior Research Training Fellowship \(RT\)](#)

Description: For MDs entering the 4th and 5th year of their research fellowship, and/or PhDs seeking further academic training as scientific investigators. Research areas of particular interest to the American Lung are: adult pulmonary medicine, pediatric pulmonary medicine and lung biology.

Amount: \$32,500 per year for up to two years.

Eligibility: The intent of this award is to provide support for post-doctoral research fellows as they transition toward tenure track faculty positions. At the time of application, an applicant must hold a doctoral degree or have comparable qualifications: MD or DO applicants must have completed their clinical training, have some research experience, and be in their 3rd or 4th year of fellowship training. Fellows with small amounts of clinical training to complete or clinical activity are eligible as long as they have a minimum of 75% effort devoted to research. PhD applicants must be in their 1st or 2nd year of postdoctoral training. Persons with medical degrees, whose credentials show that they are on a career track which will not include the practice of medicine, must be in their 1st or 2nd year of full-time postdoctoral research. Applicants must be working in a not-for-profit institution.

[American Lung Association / Dalsemer Research Grant \(DA\)](#)

Description: Focused on interstitial lung disease.

Amount: \$40,000 per year for up to two years.

Eligibility: Applicant must hold a doctoral degree, be assured of a faculty appointment with demonstrated institutional commitment (start up funds, research space) by the start of the award and have completed two years of post-doctoral research training. Faculty appointment must be in an academic or not-for-profit institution.

[American Lung Association/American Academy of Allergy, Asthma & Immunology Allergic Respiratory Diseases Award](#)

Description: To support research that has a high likelihood of advancing the understanding of allergic respiratory disease.

Amount: \$50,000 per year for up to two years.

Eligibility: An applicant must hold a doctoral degree and faculty appointment in an allergy/immunology division of an academic institution and be undertaking a project related to allergic respiratory disease. Applicants must have completed a training fellowship and be working in a not-for-profit institution. Applicants may be at any level of research experience.

[American Lung Association / The CHEST Foundation](#)

Description: Supports clinical research on asthma.

Amount: \$40,000 per year for up to two years.

Eligibility: Applicant must hold a doctoral degree, be assured of a faculty appointment with demonstrated institutional commitment (start up funds, research space) by the start of the award and have completed two years of post-doctoral research training. Faculty appointment must be in an academic or not-for-profit institution.

Amount: Varies – See above.

Eligibility: At the time of application, candidates must be United States citizens or foreign nationals holding one of the following visa immigration statuses: permanent resident. See above and full announcement for individual opportunity details.

NIH Federal Opportunities

[Short-Term Research Education Program to Increase Diversity in Health-Related Research \(R25\)](#)

Description: To promote diversity in undergraduate and health professional student populations by providing short-term research education support to stimulate career development in cardiovascular, pulmonary, hematologic, and sleep disorders research. The overall goal of the program is to provide research opportunities for individuals who are from diverse backgrounds underrepresented in biomedical and behavioral research.

Deadline: August 25, 2009

Amount: Varies – See full announcement.

Revolutionary Genome Sequencing Technologies The \$1000 Genome (R01 & R21)

Description: Develop novel technologies that will enable extremely low-cost, high quality DNA sequencing. The goal of this initiative is to reduce the cost of sequencing a mammalian-sized genome to approximately \$1000. Applicants may propose to develop full-scale sequencing systems or to investigate challenges underlying key system components. Exploration of methods other than those currently being pursued as potential \$1,000 genome technologies are encouraged.

Deadline: October 19, 2009

Amount: Up to \$1.5 million per year for up to four years.

National Institute of Allergy and Infectious Diseases (NIAID) Partnerships with Product Development Public-Private Partnerships (R01)

Description: For product development Public-Private Partnerships (PD PPPs) in order to accelerate preclinical research and development of promising preventive, therapeutic, or diagnostic tools, or vector management strategies for neglected infectious diseases. PD PPPs should have a track record of development of interventions for neglected infectious diseases of global importance, and highest prevalence in low income countries for which commercial markets provide insufficient incentives for product development.

Deadline: October 30, 2009

Amount: Up to \$750,000 total with duration of up to 5 years.

Non-NIH Federal Opportunities

Department of Defense - Peer Reviewed Cancer Research Program (PRCRP) New Investigator Awards for Genetic Cancer Research

Description: Supports the career transition and/or continued development of promising PIs who have innovative, high-impact ideas or new technologies applicable to genetic cancer research and its relation to exposures to the various environments that are unique to a military lifestyle (Environmental Toxicology Carcinogenesis or Toxicogenomics). The PRCRP New Investigator Award supports independent Principal Investigators (PIs) in the early stages of their careers, and it strongly encourages a designated collaborator.

Deadline: Pre-applications: (required) August 5, 2009. / Full application: December 9, 2009

Amount: \$275,000 total for up to three years.

Eligibility: PIs must be early career independent investigators. An independent investigator eligible for this award is defined as an individual who, at the application submission deadline: Is at or below the level of Assistant Professor (or equivalent) and; Is within 3 years of his/her first independent faculty position (or equivalent) and; Can provide evidence of institutional support, such as start-up funds provided by the institution and/or use of a technician, space, facilities, and resources. PIs working within a laboratory team are eligible to apply for this award provided that they can demonstrate that they are independent investigators according to the criteria above.

Department of Defense - Lung Cancer Research Program Concept Award (LCRP)

Description: Allows Principal Investigators (PIs) the opportunity to pursue serendipitous observations. This award mechanism supports high-risk studies that have the potential to reveal entirely new avenues for investigation. Proposals must describe how the new idea will enhance the existing knowledge of lung cancer or create an entirely new avenue for investigation.

Deadline: Pre-application (required): August 20, 2009 / Full application: September 3, 2009

Amount: \$75,000 for one year.

Eligibility: All investigators, including postdoctoral fellows (or equivalent), are eligible to submit applications.

Department of Defense (DoD) - Ovarian Cancer Academy Dean Award

Description: Seeks visionary individuals who are established ovarian cancer researchers with a strong record of mentoring and a commitment to leadership. In addition to leading the Ovarian Cancer Academy, the Academy Dean will be recognized with the life-long title of Department of Defense (DOD) Ovarian Cancer Research Professorship. The Ovarian Cancer Academy is envisioned as a unique, interactive virtual academy that will provide intensive mentoring, national networking, and a peer group for junior faculty in their pursuit to become successful, highly productive ovarian cancer researchers. See full announcement for further responsibilities and details.

Deadline: Pre-application/Nomination (required): September 9, 2009 / Full application: December 2, 2009

Amount: \$500,000 total for up to five years.

Eligibility: Applicants must be an independent, established ovarian cancer researcher.