

North American Spine Society

Research Funding Directory

(Updated September 2009)



Introduction

The North American Spine Society (NASS) is dedicated to fostering the highest quality, evidence-based and ethical spine care by promoting education, research and advocacy.

NASS, as a multidisciplinary organization, is in a unique position to promote research with real world applicability to help patients. As no single specialty treats the spine, research should span the breadth of fields to encompass all the disciplines. With significant gaps in scientific knowledge in the field of spine care, NASS' goal is to encourage members and others to rise to the challenge of conducting the research to further develop the knowledge base and help providers and patients understand their conditions and care.

NASS recognizes the challenges of securing resources and funding. The NASS Research Funding Directory has been developed as a resource to help those engaged in spine care research identify funding sources.

Disclaimer

Funding information was taken directly from the listed sources. The funding directory sources should be considered citations for each listing. All material was accurate at compilation. NASS is not responsible for any changes in information. The directory is provided for information only; it is not intended to provide full application information for each funding opportunity. Users are urged to contact funding institutions to receive the most up-to-date and complete deadline and application information, as this information may be subject to change. Funding is maintained and provided by institutions or organizations other than NASS. NASS does not endorse, approve, certify or control these sources and does not guarantee the accuracy, completeness, efficacy or timeliness of their information. Use of information is voluntary and reliance should only be undertaken after an independent review of its accuracy, completeness, efficacy and timeliness.

Comments

Comments or additions may be submitted to the North American Spine Society c/o Karen James, Assistant Manager of Research (kjames@spine.org) and will be considered in development of future editions.

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Research Funding Directory

The funding directory is provided for information only; it is not intended to provide full application information for each funding opportunity. Users are urged to contact funding institutions/sources to receive the most up-to-date and complete deadline and application information, as information may be subject to change.

Agency for Healthcare Research and Quality (AHRQ)

540 Gaither Rd., Ste. 2000
Rockville, MD 20850
Telephone: (301) 427-1447
E-mail: GCaldero@ahrq.gov
Web site: www.ahrq.gov/fund/

Type of Funding Awarded: The AHRQ funds opportunities for a variety of topics including, but not limited to, patient safety and comparative effectiveness research. The AHRQ Web site lists research grant opportunities, grant announcement titles and links to application forms.

American Academy of Family Physicians (AAFP)

11400 Tomahawk Creek Pkwy., Ste. 440
Leawood, KS 66211-2672
Telephone: (800) 274-2237
Fax: (913) 906-6095
E-mail: sgoodman@aafp.org
Web site: www.aafpfoundation.org

Type of Funding Awarded: The AAFP fund opportunities for family practice researchers to conduct focused studies that analyze clinical problems of common interest to family practice and managed care organizations.

American Academy of Neurology (AAN)

Terry Heinz, Grants Administrator
1080 Montreal Ave.
St. Paul, MN 55116
Telephone: (651) 695-2746
Fax: (651) 695-2791
E-mail: theinz@aan.com
Web site: www.aan.com/go/foundation

Type of Funding Awarded: The AAN Foundation awards fellowships and development awards. The Foundation exists to further the goals of the American Academy of Neurology by supporting education and research in neurology, and is dedicated to improving patient care, quality of life and public understanding of brain and other neurological disorders.

American Academy of Orthopaedic Surgeons (AAOS) Kappa Delta Awards

American Academy of Orthopaedic Surgeons
Kappa Delta/OREF Awards
6300 N. River Rd.
Rosemont, IL 60018-4262
Telephone: (847) 384-4319
Fax: (847) 823-8125
E-mail: ransford@aaos.org
Web site: www.aaos.org/research/committee/research/Kappa/Kappa.asp

Type of Funding Awarded: The Kappa Delta Awards honor achievements in the field of orthopedic research of high significance and impact. Awards are given for outstanding manuscripts that focus on basic and/or clinical research related to the musculoskeletal system.

American Association of Neurological Surgeons (AANS) Congress of Neurological Surgeons (CNS) Joint Section on Disorders of the Spine and Peripheral Nerves

5550 Meadowbrook Dr.
Rolling Meadows, IL 60008
Telephone: (847) 378-0500 or (888) 566-AANS
Fax: (847) 378-0600
E-mail: nref@aans.org
Web site: www.spinesection.org/fellowships_awards.php

Type of Funding Awarded: The Neurosurgery Research and Education Foundation is proud to offer co-sponsored research grants and endorses the submission of applications for both patient-orientated clinical research and basic science research. Please review the Web site for the list of available fellowships and grants.

American Association of Spinal Cord Injury Nurses (AASCIN)

801 18th Street, NW
Washington, DC 20006
Telephone: (202) 416-7704
Fax: (202) 416-7641
E-mail: aascin@pva.org
Web site: www.aascin.org

Type of Funding Awarded: The AASCIN recognizes outstanding members each year in different categories that relate to spinal cord injury. Please review their Web site for the categories available.

American Association of Spinal Cord Injury Psychologists and Social Workers (AASCIPSW)

801 18th Street, NW
Washington, DC 20006
Telephone: (202) 416-7704
Fax: (202) 416-7641
E-mail: aascipsw@pva.org
Web site: www.aascipsw.org

Type of Funding Awarded: The American Association of Spinal Cord Injury Psychologists and Social Workers present awards to people who have made significant contributions in the area of spinal cord injury psychosocial rehabilitation. For a list of awards available, please refer to their Web site.

American College of Rheumatology Research and Education Foundation (ACR/REF)

Research and Education Foundation
1800 Century Pl., Ste. 250
Atlanta, GA 30345
Telephone: (404) 633-3777
Fax: (404) 633-1870
E-mail: dsmalls@rheumatology.org
Web site: www.rheumatology.org/ref/index.asp

Type of Funding Awarded: The Research and Education Foundation is committed to funding rheumatology training and research programs that are vital to improved care of for the one in three American adults suffering from arthritis and rheumatic disease. REF offers an extensive awards program with research and education opportunities for clinicians, students, health professionals, researchers and academic institutions. These awards are an integral part of REF efforts to ensure the future of rheumatology. A list of the awards is available on the Web Site.

American College of Surgeons (ACS)

633 N. Saint Clair St.
Chicago, IL 60611-3211
Telephone: (312) 202-5338
Fax: (312) 202-5001
E-mail: cwells@facs.org
Web site: www.facs.org/memberservices/research.html

Type of Funding Awarded: The American College of Surgeons-sponsored scholarships and fellowships allow cultivation of the intellect, fresh ideas, and new perspectives that young surgeons have to offer and assist them in exploring their interests and applying their talents to diverse arenas. Opportunities are listed on the Web site.

American Medical Association (AMA) Foundation

515 N. State St.
Chicago, IL 60654
Telephone: (312) 464-4200
Fax: (312) 464-5678
E-mail: seedgrants@ama-assn.org
Web site: www.ama-assn.org/ama/pub/about-ama/ama-foundation/our-programs/medical-education/seed-grant-research.shtml

Type of Funding Awarded: The AMA Foundation established the Seed Grant Research Program in 2001 to encourage medical students, physician residents and fellows to enter the research field. For a list of categories, please see the Web site.

American Orthopaedic Society for Sports Medicine (AOSSM)

6300 N. River Rd., Ste. 500
Rosemont, IL 60018
Telephone : (847) 292-4900
E-mail: bart@aossm.org
Web site: www.sportsmed.org

Type of Funding Awarded: Every year, the American Orthopaedic Society for Sports Medicine recognizes the individuals who have made significant contributions to orthopaedic

sports medicine. For further information about the awards listed, please see the Web site.

American Osteopathic Association (AOA)

Gloria Dillard
142 E. Ontario Ave.
Chicago, IL 60611
Telephone: (800) 621-1773 ext. 8006
E-mail: research@osteopathic.org
Web site: https://www.do-online.org/index.cfm?PageID=res_grant

Type of Funding Awarded: The American Osteopathic Association sponsors an osteopathic research fellowship program. The program supports the research training of an applicant and enables him/her to conduct a basic science or clinical research project. For more information, please view the Web site.

American Pain Society (APS)

4700 W. Lake Ave.
Glenview, IL 60025
Telephone: (847) 375-4715
Fax: (847) 375-6479
E-mail: info@ampainsoc.org
Web site: www.ampainsoc.org

Type of Funding Awarded: Each year, the American Pain Society presents prestigious awards at its Annual Scientific Meeting. Nominations for these awards are solicited annually in May for presentation the following year. To view a list of the awards available, please refer to the Web site.

American Paraplegia Society (APS)

801 18th Street, NW
Washington, DC 20006
Telephone: (202) 416-7704
Fax: (202) 416-7641
E-mail: aps@pva.org
Web site: www.apssci.org

Type of Funding Awarded: The American Paraplegia Society presents awards to persons who have made significant contributions in the area of spinal cord medicine, clinical practice, rehabilitation education or research.

American Physical Therapy Association (APTA) Foundation for Physical Therapy

1111 N. Fairfax St.
Alexandria, VA 22314
Telephone: (800) 999-2782
Fax: (703) 684-7343
E-mail: foundation@apta.org
Web site: www.apta.org/AM/Template.cfm?Section=Awards_and_Scholarships&CONTENTID=38602&TEMPLATE=/CM/ContentDisplay.cfm

Type of Funding Awarded: The Foundation for Physical Therapy funds research that supports the development of evidence-based physical therapist practice, enhance the quality of physical therapist services for patients and clients, and increase the number of physical therapist researchers. Requests for proposals and appropriate topics are listed on their Web site.

American Society for Pain Management Nursing (ASPMN)

PO Box 15473
 Lenexa, KS 66285
 Telephone: (913) 895-4606
 Fax: (913) 895-4652
 E-mail: aspmn@goamp.com
 Web site: www.aspmn.org

Type of Funding Awarded: The American Society for Pain Management Nursing Research Grant Program funds nursing research related to acute or chronic pain management. The ASPMN also has multiple awards in different categories related to nursing. Please review the Web site for more information related to the grant program and awards.

American Spinal Injury Association (ASIA)

2020 Peachtree Road, NW
 Atlanta, GA 30309
 Telephone: (404) 355-9772
 Fax: (404) 355-1826
 E-mail: ASIA_Office@shepherd.org
 Web site: www.asia-spinalinjury.org

Type of Funding Awarded: Part of the mission of The American Spinal Injury Association is to foster research which aims at preventing spinal cord injury, improving care, reducing consequent disability, and finding a cure for both acute and chronic SCI. ASIA has many categories of awards and research grants available on their Web site. Please see their Web site for additional information.

Anesthesia Patient Safety Foundation (APSF)

Building One, Ste. 2
 8007 S. Meridian St.
 Indianapolis, IN 46217-2922
 Fax: (317) 885-1482
 E-mail: walker@apsf.org
 Web site: www.apsf.org

Type of Funding Awarded: The Anesthesia Patient Safety Foundation supports research directed towards enhancing anesthesia patient safety. Its major objective is to stimulate studies leading to prevention of mortality and morbidity resulting from anesthesia mishaps.

**The Association of Bone and Joint Surgeons (ABJS),
Clinical Orthopaedics and Related Research**

Nicolas Andry Award
 6300 N. River Rd., Ste. 727
 Rosemont, IL 60018-4226
 Telephone: (847) 698-1636
 Fax: (847) 823-4921
 E-mail: abjs@aaos.org
 Web site: www.abjs.org/web/awards.asp

Type of Funding Awarded: The Association of Bone and Joint Surgeons in conjunction with Clinical Orthopaedics and Related Research, have two awards available. The Nicolas Andry Award is for experienced orthopedic investigators, including all orthopedic surgeons doing clinically relevant basic or patient-oriented research. The Marshall R. Urist Young Investigator Award is for orthopedic surgeon investigators

less than forty years of age, or less than seven years post-training (including fellowships) at the time of application for work dealing with clinically relevant laboratory or clinical research. For more information on these two awards, please see the Web site.

Association of periOperative Registered Nurses (AORN)

2170 S. Parker Rd., Ste. 400
 Denver, CO 80231
 Telephone: (800) 755-2676 ext. 230
 Fax: (303) 750-3212
 E-mail: foundation@aorn.org
 Web site: <http://www.aorn.org/PracticeResources/NursingResearch/ResearchGrantProgram/>

Type of Funding Awarded: The Association of periOperative Registered Nurses offers a two-tiered research grant program, designed to support the development of nurse researchers and to contribute to the scientific knowledge of perioperative nursing practice. Funding opportunities are also available for chapters, specialty assemblies, state councils and others engaged in collaborative research projects.

BackCare

BackCare FAO Research Manager
 16 Elmtree Rd.
 Teddington, Middlesex TW11 8ST United Kingdom
 Telephone: 44.0208.977.5474
 Fax: 44.0208.943.5318
 E-mail: researchapplications@backcare.org.uk
 Web site: www.backcare.org.uk

Type of Funding Awarded: BackCare (registered in UK as the National Back Pain Association) encourages and supports scientific research into the causes, treatment and prevention of back pain. The objective is to reduce the incidence of and disability from back pain and improve its treatment by gaining through research a better understanding of its manifestations and causes. BackCare will support back pain research that is people-oriented, original and of high quality and related to the pain in the human back rather than pain in general.

Burroughs Wellcome Fund (BWF)

Nancy S. Sung, PhD, Senior Program Officer
 PO Box 13901
 Research Triangle Park, NC 27709-3901
 Telephone: (919) 991-5100
 Fax: (919) 991-5160
 E-mail: info@bwfund.org
 Web site: www.bwfund.org

Type of Funding Awarded: The Burroughs Wellcome Fund conducts its Clinical Scientist Awards in Translational Research program to support established independent physician-scientists who are dedicated to translational research—the two-way transfer between work at the laboratory bench and patient care. The program is intended to help protect award recipients' time to pursue the vital link between basic and clinical research.

Canadian Institutes of Health Research (CIHR)

160 Elgin Street, 9th Floor
 Ottawa, ON CANADA K1A 0W9
 Telephone: (613) 954-1968
 Fax: (613) 954-1800
 E-mail: info@cihr-irsc.gc.ca
 Web site: <http://www.cihr-irsc.gc.ca/e/193.html>

Type of Funding Awarded: The Canadian Institutes of Health Research provide funding opportunities for four themes of health research: biomedical, clinical, health systems services and social, cultural, environmental and population health. Funding opportunities are listed on the contact Web site.

Catalog of Federal Domestic Assistance (CFDA)

Web site: www.cfda.gov

Type of Funding Awarded: The Catalog of Federal Domestic Assistance provides access to a database of all Federal programs available to state and local governments, federally-recognized Indian tribal governments, territories and possessions of the US, domestic public, quasi-public and private profit and nonprofit organizations and institutions, specialized groups, and individuals. The site deals not only with Federal grants, but also with all types of assistance and provides contact information for the office that administers the program.

Centers for Disease Control and Prevention (CDC)

CDC Procurement and Grants Office
 Telephone: (800) 311-3435
 E-mail: cdcinfo@cdc.gov
 Web site: www.cdc.gov

Type of Funding Awarded: The CDC is the leading federal agency for protecting health and safety. It serves as the national focus for developing and applying disease prevention and control, environmental health and health promotion and education activities designed to improve the health of the people of the US.

Cervical Spine Research Society (CSRS)

6300 N. River Rd., Ste. 727
 Rosemont, IL 60018-4226
 Telephone: (847) 698-1628
 Fax: (847) 823-0536
 E-mail: csrs@aaos.org
 Web site: www.csrs.org

Type of Funding Awarded: The mission of the Cervical Spine Research Society is to carry out research and exchange information on the cervical spine.

Christopher and Dana Reeve Foundation

636 Morris Turnpike, Ste. 3A
 Short Hills, NJ 07078
 Telephone: (800) 225-0292
 Web site: www.crfp.org

Type of Funding Awarded: The Christopher & Dana Reeve Foundation is dedicated to curing spinal cord injury by funding innovative research, and improving the quality of life for people living with paralysis through grants, information and advocacy.

The Commonwealth Fund (CMWF)

Andrea Landes, Director of Grants Management
 One East 75th St.
 New York, NY 10021
 Telephone: (212) 606-3800
 Fax: (212) 606-3500
 E-mail: grants@cmwf.org
 Web site: www.cmwf.org

Type of Funding Awarded: The Commonwealth Fund supports independent research on health and social issues and makes grants to improve health care practice and policy.

Community of Science (COS)

One North Charles St., Ste. 2305
 Baltimore, MD 21201
 Telephone: (410) 563-2378
 Fax: (410) 563-5389
 Web site: www.cos.com/services

Type of Funding Awarded: The Community of Science is a Web site for the research and development community. It offers a site of funding opportunities promoted as being updated daily with over 25,000 records.

Congress of Neurological Surgeons (CNS)

10 N. Martingale Rd., Ste. 190
 Schaumburg, IL 60173
 Telephone: (847) 240-2500 or (877) 517-1CNS
 Fax: (847) 240-0804
 E-mail: info@1CNS.org
 Web site: www.cns.org

Type of Funding Awarded: The Congress of Neurological Surgeons offers several fellowship awards for residents, neurosurgeons who have recently completed training, and established neurosurgeons alike. The awards are meant to defer some of the costs fellows incur during their research and studies and to enhance the education of neurological surgeons at all stages of their careers.

European Spine Journal

Hans-Joachim Wilke
 Institute of Orthopaedic Research and Biomechanics
 Helmholtzstrasse 14
 Ulm, GERMANY 89081
 Telephone: +49.731-502.34.82
 Fax: +49.731-502.34.98
 E-mail: hans-joachim.wilke@medizin.uni-ulm.de
 Web site: www.eurospine.org

Type of Funding Awarded: In order to encourage basic science research in the field of spinal disorders, the European Spine Journal awards the European Spine Journal/Grammar Award for basic science.

The Foundation Center

79 5th Avenue/16th Street
New York, NY 10003-3076
Telephone: (212) 620-4230
Fax: (212) 807-3677
E-mail : ajt@foundationcenter.org
Web site: <http://foundationcenter.org>

Type of Funding Awarded: The Foundation Center is a national nonprofit service organization recognized as the nation's leading authority on organized philanthropy, connecting nonprofits and the grant makers supporting them to tools they can use and information they can trust. The Web site includes searchable databases of grant makers, links to their Web sites and grant seeker tools.

Foundation for Anesthesia Education and Research (FAER)

200 First St. SW, WF6-674
Rochester, MN 55905
Telephone: (507) 266-6866
Fax: (507) 284-0291
E-mail: faer@faer.org
Web site: www.faer.org

Type of Funding Awarded: FAER provides research grant funding for promising investigators to train in clinical, basic science and translational anesthesiology research. These grants are designed to create opportunities for physicians to excel in an exceedingly competitive environment and to eventually acquire NIH funding.

Foundation for Physical Medicine and Rehabilitation

330 N. Wabash Ave., Ste. 2500
Chicago, IL 60611
Telephone: (312) 464-9700
Fax: (312) 464-0227
E-mail: info@foundationforpmr.org
Web site: www.foundationforpmr.org/

Type of Funding Awarded: The Foundation for Physical Medicine and Rehabilitation offers four research grant opportunities and an award for the best research published by a physiatrist. Please visit the Web site for more information.

GrantsNet

Web site: www.grantsnet.org

Type of Funding Awarded: GrantsNet is a free, online funding database for biomedical research and science education. GrantsNet is searchable and promoted as being continuously updated. Programs for training and research funding are available for graduate and medical students, postdoctoral fellows and junior faculty.

Grants.gov

Web site: <http://grants.gov>

Type of Funding Awarded: Grants.gov is an Internet site that provides a simple, unified "storefront" for all customers of Federal grants to electronically find opportunities, apply and manage grants. It will facilitate the quality, coordination, effectiveness and efficiency of operations for grant-makers and grantees.

International Campaign for Cures of Spinal Cord Injury Paralysis (ICCP)

E-mail: info@campaignforcure.org
Web site: www.campaignforcure.org/iccp

Type of Funding Awarded: The ICCP is a body consisting of affiliate nonprofit organizations working to fund research into cures for paralysis caused by spinal cord injury. The ICCP coalition consists of member organizations working in their collaborative mission "to expedite the discovery of cures for spinal cord injury paralysis."

International Society for the Study of the Lumbar Spine (ISSLS)

Shirley Fitzgerald
2075 Bayview Ave., Rm. MG 301
Toronto, ON CANADA M4N 3M5
Telephone: (416) 480-4833
Fax: (416) 480-6055
E-mail: Shirley.Fitzgerald@sunnybrook.ca
Web site: www.issls.org

Type of Funding Awarded: DePuy Spine sponsors three prizes to be awarded competitively on the basis of scientific merit in one or more of the following three areas: clinical studies, bioengineering studies, studies in other basic science areas. Please view the Web site for more information.

Joint Commission on Accreditation of Healthcare Organizations (JCAHO)

One Renaissance Blvd.
Oakbrook Terrace, IL 60181
Telephone: (630) 792-5800
Fax: (630) 792-5005
E-mail: customerservice@jointcommission.org
Web site: www.jointcommission.org

Type of Funding Awarded: The John M. Eisenberg Patient Safety and Quality Awards were established in 2002 by the National Quality Forum (NQF) and The Joint Commission in memory of John M. Eisenberg, M.D. These annual awards recognize the achievements of individuals who have made significant and lasting contributions to improving patient safety and health care quality. They also recognize individuals and organizations that have made an important contribution to patient safety and health care quality in the areas of research or system innovation.

National Association of Orthopaedic Nurses (NAON)

NAON Foundation
390 N. Main Street
Alpharetta, GA 30004
Telephone: (800) 289-6266
E-mail: info@naonfoundation.org
Web site: www.naonfoundation.org

Type of Funding Awarded: The National Association of Orthopaedic Nurses Foundation supports the goals and mission of NAON by providing funding for grants and scholarships to advance orthopaedic nursing practice, education, research and leadership.

National Cancer Institute (NCI)

6116 Executive Blvd., Room 3036A
Bethesda, MD 20892-8322
Telephone: (800) 422-6237
Web site: http://cancer.gov/research_funding

Type of Funding Awarded: The National Cancer Institute is the principal agency for cancer research and training. The NCI supports research projects in cancer control. They also support and coordinate research projects conducted by universities, hospitals, research foundations and businesses throughout the US and abroad through research grants and cooperative agreements.

National Institute for Occupational Safety and Health (NIOSH)

1600 Clifton Rd. Room 4506, MS E-74
Atlanta, GA 30333
Telephone: (404) 498-2530
Fax: (513) 533-8347
E-mail: JNewhall@cdc.gov
Web site: www.cdc.gov/niosh/

Type of Funding Awarded: The overall goal of NIOSH is the prevention of illnesses, injuries, and deaths caused by hazards on the job. Recognizing the valuable contributions of extramural scientists and educators to this endeavor, NIOSH sponsors research and training through its extramural programs, which complement the Institute's intramural programs. The creativity and special resources available in the extramural community make these programs an important component in achieving a national goal to have safe jobs and healthy workers.

National Institute of Arthritis and Musculoskeletal and Skin Diseases (NIAMS)

One AMS Circle
Bethesda, MD 20892-3675
Telephone: (301) 495-4484
Fax: (301) 718-6366
E-mail: NIAMSInfo@mail.nih.gov
Web site: www.niams.nih.gov

Type of Funding Awarded: The mission of the National Institute of Arthritis and Musculoskeletal and Skin Diseases is to support research into the causes, treatment and prevention of arthritis and musculoskeletal and skin diseases, the training of basic and clinical scientists to carry out this research and the dissemination of information on research progress in these diseases.

National Institute of Biomedical Imaging and Bioengineering (NIBIB)

Nancy Curling, BS
6707 Democracy Blvd., Ste. 900
Democracy Plaza Two
Bethesda, MD 20892
Telephone: (301) 451-4782
Fax: (301) 480-4974
E-mail: info@nibib.nih.gov
Web site: <http://www.nibib.nih.gov/Research>

Type of Funding Awarded: The NIBIB supports basic and applied research and research training that improves health by promoting fundamental discoveries, design and development, translation and assessment of technological capabilities in biomedical imaging and bioengineering. Research projects should be enabled by areas of engineering, the physical sciences, mathematics and the computational sciences and should result in discoveries that can be translated into applications for specific diseases, disorders or biological processes. Integrated, multidisciplinary and collaborative approaches to addressing biomedical research are encouraged. Funding opportunities and application guidance can be found on the Web site.

National Institute of Child Health and Human Development (NICHD)

Bldg. 31, Room 2A32, MSC 2425
31 Center Drive
Bethesda, MD 20892-2425
Telephone: (800) 370-2943
Fax: (866) 760-5947
E-mail: NICHDInformationResourceCenter@mail.nih.gov
Web site: www.nichd.nih.gov/funding/funding.htm

Type of Funding Awarded: The National Institute of Child Health and Human Development conducts and supports laboratory, clinical and epidemiological research on the reproductive, neurobiologic, developmental and behavioral processes that determine and maintain the health of children, adults, families and populations. NICHD research is also directed toward restoring or maximizing individual potential and functional capacity when disease, injury or a chronic disorder intervenes in the developmental process. Funding opportunities can be found on the Web site.

National Institutes of Health (NIH) Office of Extramural Research

Research Director
Telephone: (301) 435-0714
Fax: (301) 402-3469
E-mail: grantsinfo@od.nih.gov
Web site: <http://grants.nih.gov/grants/oer.htm>

Type of Funding Awarded: The NIH mission is to uncover new knowledge that will lead to better health for everyone. NIH conducts research in its own laboratories and supports research of nonfederal scientists in universities, medical schools, hospitals and research institutions through the country and abroad. It also helps train research investigators and fosters communication of medical information. Funding opportunities are listed on its Web site.

National Organization for Rare Disorders (NORD)

55 Kenosia Ave.
 PO Box 1968
 Danbury, CT 06813-1968
 Telephone: (203) 744-0100
 Fax: (203) 798-2291
 E-mail: orphan@rarediseases.org
 Web site: www.rarediseases.org/research/researchgrants

Type of Funding Awarded: The National Organization for Rare Disorders research grant program provides seed money in small grants to academic scientists studying new treatments or diagnostics for rare diseases. The clinical researchers supported by NORD's research grants provide preliminary data indicating that a treatment (drug, device or medical food) may be safe and effective when used for a larger number of patients. Researchers then can use the preliminary data to apply for larger multiyear government grants or to attract a commercial sponsor who will manufacture an orphan product and get it approved for marketing by the US Food & Drug Administration.

National Osteoporosis Foundation (NOF)

Grants Coordinator
 1232 22nd St. NW
 Washington, DC 20037-1202
 Telephone: (202) 223-2226
 Fax: (202) 223-1726
 E-Mail: researchgrants@nof.org
 Web site: www.nof.org/grants

Type of Funding Awarded: The National Osteoporosis Foundation (NOF) seeks to expand the understanding of osteoporosis through its Research Program that awards annual grants in support of projects in translational and clinical research investigating the epidemiology, pathogenesis, prevention, diagnosis and treatment of osteoporosis.

National Patient Safety Foundation (NPSF)

268 Summer Street, 6th Floor
 Boston, MA 02210
 Telephone: (617) 391-9900
 Fax: (617) 391-9999
 E-mail: Research@npsf.org
 Web site: www.npsf.org

Type of Funding Awarded: NPSF seeks to stimulate new, innovative projects directed towards enhancing patient safety in the US. Its objective is to promote studies leading to prevention of human errors, system errors and any forms of preventable injuries in health care and the adverse consequences to patients that may result. Areas of research interests include, but are not limited to: identifying, analyzing or otherwise assisting in the understanding of the causes of preventable injuries in health care; enhancing understanding of the impact of changes in health care on the system, on human error and on safety; developing methods of avoiding preventable injuries; assessing the effectiveness of or designing new techniques to increase patient safety and developing educational tools and/or training materials designed to alter behaviors to prevent errors and increase safety.

National Science Foundation

4201 Wilson Blvd., Room 1270
 Arlington, VA 22230
 Telephone: (703) 292-8040
 Fax: (703) 292-9040
 E-mail: info@nsf.gov
 Web site: www.nsf.gov

Type of Funding Awarded: The NSF funds research and education in science and engineering, through grants, contracts, and cooperative agreements. The Foundation accounts for about 20 percent of federal support to academic institutions for basic research.

Neurosurgery Research and Education Foundation (NREF) of the American Association of Neurological Surgeons (AANS)

5550 Meadowbrook Dr.
 Rolling Meadows, IL 60008
 Telephone: (847) 378-0500
 Fax: (847) 378-0600
 E-mail: info@aans.org
 Web site: <http://www.aans.org/research/>

Type of Funding Awarded: As a premier funder of neurosurgical studies, the Neurosurgery Research and Education Foundation (NREF) of the American Association of Neurosurgeons (AANS) focuses on providing fellowship funding in basic neuroscience and neurosurgical programs in North America.

North American Spine Society (NASS)

Chair, Research Project Management Committee
 7075 Veterans Blvd.
 Burr Ridge, IL 60527
 Telephone: (877) SpineDr or (630) 230-3691
 Fax: (630) 230-3791
 E-mail: KJames@spine.org
 Web site: <http://www.spine.org/Pages/PracticePolicy/Research/ResearchFunding/Default.aspx>

Type of Funding Awarded: NASS awards annual grants and fellowships to spine researchers. Please view the Web site for more information about NASS research priorities and the application process as well as past winners and their findings.

North American Spine Society (NASS)

Managing Editor
The Spine Journal
 7075 Veterans Blvd.
 Burr Ridge, IL 60527
 Telephone: (877) SpineDr or (630) 230-3600
 Fax: (630) 230-3700
 E-mail: rcampbell@spine.org
 Web site: <http://www.spine.org/Pages/Publications/TheSpineJournal/Default.aspx>

Type of Funding Awarded: Each year, NASS offers up to three awards of \$10,000 for an outstanding paper in the following categories: Basic Science, Operative Care and Medical Rehabilitation & Interventional Care.

Orthopedic Research and Education Foundation (OREF)

Jean McGuire, Vice President
Grants
6300 N. River Rd., Ste. 700
Rosemont, IL 60018-4261
Telephone: (847) 698-9980
Fax: (847) 698-7806
E-Mail: mcguire@oref.org
Web site: www.oref.org/

Type of Funding Awarded: OREF is an independent, 501(c)(3) organization that raises funds to support research and education on diseases and injuries of bones, joints, nerves, and muscles. OREF-funded research and education enhance clinical care, leading to improved health, increased activity, and a better quality of life for patients. Through gifts from orthopaedic surgeons, practice groups, medical centers, and industry we support research and education initiatives funded by OREF and by partner organizations.

Paralyzed Veterans of America (PVA)

801 Eighteenth St., NW
Washington, DC 20006-3517
Telephone: (202) 416-7652
Fax: (202) 416-7641
E-mail: foundations@pva.org
Web site: http://www.pva.org/site/PageServer?pagename=research_resfdn

Type of Funding Awarded: The PVA Research Foundation supports grants designed to improve the current treatment and care for acute and chronic spinal cord dysfunction, develop innovative rehabilitative therapies and assistive devices for paralyzed individuals and train talented researchers to focus on the problem of spinal cord dysfunction. Research funding is provided in five areas: laboratory research in the basic sciences to find a cure for spinal cord injury or disease; clinical and functional studies of the medical, psychosocial and economic effects of spinal cord dysfunction and interventions to alleviate these effects; design and development of new and improved assistive devices for people with spinal cord dysfunction; and fellowships for postdoctoral scientists, clinicians and engineers to encourage training and specialization in the field of spinal cord research; conferences and symposia that provide opportunities for collaboration and interaction among scientists, health care providers and others involved.

Radiological Society of North America (RSNA) Research and Education Foundation

820 Jorie Blvd.
Oak Brook, IL 60523-2251
Telephone: (630) 571-7816
Fax: (630) 571-7837
E-mail: R&EFoundation@rsna.org
Web site: <http://www.rsna.org/Foundation/Grants.cfm>

Type of Funding Awarded: The RSNA Research & Education Foundation's mission is to improve patient care by supporting research and education in radiology and related scientific disciplines through funding grants and awards to individuals and institutions that will advance radiologic research, education and practice. The RSNA Research & Education Foundation offers grant funding opportunities to medical students, residents, fellows, and faculty in departments of radiology, radio-

tion oncology and nuclear medicine. Eligibility for most of the Foundation's grant programs is limited to individuals within North American educational institutions; however, international support is available through the Foundation's Research Seed Grant and Educational Scholar Grant programs.

Ruth Jackson Orthopaedic Society (RJOS)

6300 N. River Rd., Ste. 727
Rosemont, IL 60018-4226
Telephone: (847) 698-1626
Fax: (847) 823-0536
E-mail: rjos@aaos.org
Web site: <http://www.rjos.org/web/awards/index.htm>

Type of Funding Awarded: RJOS encourages orthopaedic residents to submit abstracts of research projects for the Jacquelin Perry, MD, Resident Research Award. Two RJOS Traveling Fellowships are awarded to RJOS members each year, an Academic Fellowship and a Practice Enrichment Fellowship. Zimmer, Inc., has generously provided funding for two separate \$30,000 grant awards targeted to RJOS members.

Scoliosis Research Society (SRS)

555 E. Wells St., Ste. 1100
Milwaukee, WI 53202-3823
Telephone: (414) 289-9107
Fax: (414) 276-3349
E-mail: info@srs.org
Web site: <http://www.srs.org/research/>

Type of Funding Awarded: The Scoliosis Research Society provides research funding for projects related to spinal deformity.

Spine Society of Europe (SSE)

J. Reichert Schild, SSE Administrative Secretariat
Seefeldstrasse 16, CH-8610
Uster-Zurich, SWITZERLAND
Telephone: +41.44.994.14.04
Fax: +41.44.994.14.03
E-mail: schild@active.ch
Web site: www.eurospine.org

Type of Funding Awarded: In order to encourage research in the field of spinal disorders, the SSE confers several awards which will be presented at the EuroSpine meeting.

US Food and Drug Administration (FDA)

Michelle Hawley, Chief Grants Management Officer
National Institutes of Health
Center for Scientific Review
6701 Rockledge Drive
Bethesda, MD 20892
Telephone: (301) 827-1991
E-mail: Michelle.Hawley@fda.hhs.gov
Web site: <http://www.fda.gov/ScienceResearch/default.htm>

Type of Funding Available: The US Food and Drug Administration is a federal, science-based law enforcement agency mandated to protect public health. Its mission is to ensure the safety or the safety and effectiveness of the products under its jurisdiction. The FDA accomplishes its mission by establishing and enforcing high product standards and other regulatory requirements authorized or mandated by the Federal Food, Drug and Cosmetic Act, its amendments and other public health laws.