



Weekly Funding Opportunity Announcements
Tuesday, May 28, 2013

Reminder: ORSD coordinates and pays for external reviews and editorial services for HSPH Assistant and Associate Professors preparing NIH grant proposals.

For more information please contact Amanda Spickard at orsd@hsph.harvard.edu or ext. 2-1711.

NIH Funding Announcements – New This Week

New RFAs for week ending May 24, 2013:

Announcement Number	Issuing Organization	Release Date	Opening Date (SF424 Only)	Expiration Date	Activity Code(s)	Title
RFA-DK-13-008	NIDDK	05/22/2013	06/25/2013	07/26/2013	U01	United States Renal Data System (USRDS) Special Study Centers (U01)
RFA-HD-14-004	NICHD	05/22/2013	07/21/2013	08/22/2013	R41, R42	In-vivo Methods for Assessing Placental Development and Function (R41/R42)
RFA-HD-14-005	NICHD	05/22/2013	07/21/2013	08/22/2013	R43, R44	In-vivo Methods for Assessing Placental Development and Function (SBIR) (R43/R44)

New PARs:

Announcement Number	Issuing Organization	Release Date	Opening Date (SF424 Only)	Expiration Date	Activity Code(s)	Title
PAR-13-231	NICHD	05/22/2013	09/05/2013	09/08/2016	R01	Phenotyping Embryonic Lethal Knockout Mice (R01)
PAR-13-232	FDA	05/22/2013	05/24/2013	05/01/2017	U01	Advancing Medical Device Postmarket Surveillance Infrastructure and Epidemiologic

Announcement Number	Issuing Organization	Release Date	Opening Date (SF424 Only)	Expiration Date	Activity Code(s)	Title
						Methodologies through Multi-stakeholder Partnership (U01)

Other Federal Funding Announcements

Department of Defense

FY13 DOD CDMRP Program Pre-Announcements

The Fiscal Year 2013 (FY13) Defense Appropriations Act provides research funding for the peer reviewed programs managed by the Department of Defense (DOD) office of Congressionally Directed Medical Research Programs (CDMRP).

This is to notify the research community of the recently released pre-announcements from the following programs:

Autism Research Program (ARP)

Bone Marrow Failure Research Program (BMFRP)

Duchenne Muscular Dystrophy Research Program (DMDRP)

Lung Cancer Research Program (OCRP)

Multiple Sclerosis Research Program (MSRP)

Ovarian Cancer Research Program (OCRP)

Peer Reviewed Medical Research Program (PRMRP)

Descriptions of each of the funding opportunities, eligibility, key mechanism elements, and funding can be found in the respective Program pre-announcement. FY13 pre-announcements can be found in the CDMRP home page features at <http://cdmrp.army.mil>.

Funding Opportunities now available:

- [Amyotrophic Lateral Sclerosis](#)
- ****New** - [Autism](#)
- [Bone Marrow Failure](#)
- ****New** - [Breast Cancer](#)
- [Defense Medical Research and Development Program](#)
- ****New** - [Gulf War Illness](#)
- ****New** - [Lung Cancer](#)
- [Multiple Sclerosis](#)
- [Neurofibromatosis](#)
- [Ovarian Cancer](#)
- ****New** - [Peer Reviewed Cancer](#)
- ****New** - [Peer Reviewed Medical](#)

- [Peer Reviewed Orthopaedic](#)
- ****New** - [Prostate Cancer](#)
- [Psychological Health/Traumatic Brain Injury](#)
- ****New** - [Spinal Cord Injury](#)
- [Tuberous Sclerosis Complex](#)

[CDC: NIOSH Cooperative Agreement Research to Aid Recovery from Hurricane Sandy](#)

Closing Dates: June 18, 2013

[CDC: Building and Supporting Core Public Health Capacities Related to Violence and Injury Prevention](#)

Closing Date: June 25, 2013

[HRSA: State Implementation Grants for Improving Services for Children and Youth with Autism Spectrum Disorder and other Developmental Disabilities](#)

Closing Date: June 10, 2013

[NIH: Evidence-based Demonstration Projects in Immunization \(Admin Supp\)](#)

Closing Date: July 10, 2013

[CDC: Making Disasters Less Disastrous: Public Health, Healthcare Executives, and Emergency Management Working Together](#)

Closing Date: June 18, 2013

[CDC: Tribal Public Health Capacity Building and Quality Improvement](#)

Closing Date: July 15, 2013

[HRSA: State Planning Grants for Improving Services for Children and Youth with Autism Spectrum Disorder and other Developmental Disabilities](#)

Closing Date: June 10, 2013

[NIH: National Cooperative Reprogrammed Cell Research Groups \(NCRCRG\) to Study Mental Illness \(U19\)](#)

Closing Date: January 7, 2016

[CDC: Public Health Preparedness and Response Research to Aid Recovery from Hurricane Sandy](#)

Closing Date: June 6, 2013

[CDC: National Organizations Support for State Oral Health Programs](#)

Closing Date: June 17, 2013

[NIH: Integration and Analysis of Diverse HIV-Associated Data \(R03\)](#)

Closing Date: August 19, 2013

[NIH: Methodologies and Formative Work for Combination HIV Prevention Approaches \(R01\)](#)

Closing Date: September 3, 2013

[CDC: Collaboration for Improving and Promoting Standardized Cancer Staging Using the Collaborative Stage Data Collection System](#)

Closing Date: June 10, 2013

[CDC: Youth Violence Training and Technical Assistance](#)

Closing Date: June 24, 2013

[NIH: Countermeasures Against Chemical Threats \(CounterACT\) Cooperative Research Projects \(U01\)](#)

Closing Date: September 16, 2015

[NIH: Innovative Measurement Tools for Community Engaged Research Efforts \(R01\)](#)

Closing Date: September 7, 2016

[NIH: Symptom Management in HIV-Infected Individuals with Comorbid Conditions \(R01\)](#)

Closing Date: September 7, 2016

[ASTMH: \\$25,000 Centennial Travel Award in Basic Science Tropical Disease Research](#)

Closing Date: June 26, 2013

[NIH: Tobacco Control Regulatory Research - R21 Modification 3](#)

Closing Date: June, 18 2013

[NIH: National Cancer Institute \(NCI\) Cancer Education and Career Development Program \(R25\)](#)

Closing Date: September 7, 2013

[NIH: MARC Undergraduate Student Training in Academic Research \(U-STAR\) National Research Service Award \(NRSA\) Institutional Research](#)

Closing Date: June, 24 2015

[SAMHSA: FY 2013 Screening, Brief Intervention, and Referral to Treatment \(SBIRT\) Medical Professional Training Program](#)

Closing Date: June, 5 2013

[CDC: National Network to Enhance Capacity of State and Local Sexually Transmitted Disease Prevention Programs \(NNECS\)](#)

Closing Date: June 16, 2013

[NIH: Male Contraceptive Development Program \(U01\)](#)

Closing Date: August 27, 2013

[Pfizer: Smoking Cessation Leadership Center at UCSF and Pfizer Independent Grants for Learning & Change](#)

Closing Date: June 11, 2013

[CDC: Centers for Disease Control and Prevention Occupational Safety and Health Research](#)

Closing Date: June 5, 2013

[NIH: Research on Comparative Effectiveness and Implementation of HIV/AIDS and Alcohol Interventions](#)

Closing Date: May 29, 2013

[NIH: Research on Comparative Effectiveness and Implementation of HIV/AIDS and Alcohol Interventions](#)

Closing Date: May 29, 2013

[CDC: Promoting, Strengthening and Enhancing Disease Prevention by Collaboration with Targeted Stakeholders Grant](#)

Closing Date: June 5, 2013

[NIH: Advancing Eating Disorders Research through Dimensional Studies of Biology and Behavior](#)

Closing Date: June 11, 2013

[NIH: Alzheimer's Disease Research Centers](#)

Closing Date: June 11, 2013

[NIH: Dissemination and Implementation Research in Health](#)

Closing Date: January 7, 2016

[NIH: Understanding and Promoting Health Literacy](#)

Closing Date: May 7, 2016

[NIH: Specialized Cooperative Centers Program in Reproduction and Infertility Research \(U54\)](#)

Closing Date: July 25, 2013

[NIH: Research on Alcohol and HIV/AIDS \(R03\)](#)

Closing Date: May 7, 2016

[NIH: Regional and International Differences in Health and Longevity at Older Ages \(R03\)](#)

Closing Date: September 7, 2016

[NIH: Obesity Policy Evaluation Research \(R01\)](#)

Closing Date: May 7, 2016

[AHRQ: Grants for Health Services Research Dissertation Program \(R36\)](#)

Closing Dates: May 1, August 1, and November 1, 2013

[NIH: School Nutrition and Physical Activity Policies, Obesogenic Behaviors, and Weight Outcomes](#)

Closing Date: May 07, 2016

[CDC: NIOSH Exploratory/Developmental Grant Program](#)

Closing Date: September 8, 2015

[CDC: NIOSH Small Research Program](#)

Closing Date: September 8, 2015

Internal Harvard Funding Opportunities

None

Other Funding Opportunities

****Limited Submission - W. M. Keck Foundation**

We are pleased to announce that we are now accepting internal applications for funding from the W. M. Keck Foundation. This is the second of two 2013 Keck Funding cycles. **Harvard is able to submit one (1) nomination, up to \$1,000,000, for each of the following funding areas:**

- **Medical Research:** <http://www.wmkeck.org/grant-programs/medicalresearch.html>
- **Science and Engineering:** <http://www.wmkeck.org/grant-programs/science-engineering.html>

Please review the abstracts at the above links carefully to determine whether you will submit under Science & Engineering or Medical.

Interested applicants should complete the following documentation and send it as one PDF file to Autumn_Bennett@harvard.edu by Monday, June 3, 2013, 5:00 pm EST:

- The attached application form
- A one page concept paper (related graphics may be put on a second page if necessary) The concept paper should include:
 - An overview of the proposed project emphasizing any unique aspects and pilot studies;
 - A brief description of key personnel and methodologies;
 - A brief justification of the need for Keck support; and
 - An estimated budget
- CV of Principal Investigator
- A list of anticipated collaborators, if any, including:
 - A list of previous joint publications, or other work, with proposed collaborator(s)

Further guidance is provided in the *Additional Information* section below.

If you have previously participated in the internal submission process in consideration for funding from Keck and would like to re-apply, you are encouraged to contact elizabeth_langdon-gray@harvard.edu / 617-495-8249 to discuss re-submission.

ADDITIONAL INFORMATION

I. Anticipated Time Line (internal dates are anticipated only and may change)

Internal application period	Internal review of applications, discussion with individual applicants, if appropriate	Consultation between OVRP and W.M. Keck Foundation staff	Internal applicants notified of determination of their application	Chosen applicants finalize Phase 1 applications and submit for November 1 sponsor deadline
May 2- June 3	June 3- August 1	August 2-August 15	August 16	August 16-October 31

II. Guidance for Submitting Applications for Keck Funding

The WM Keck Foundation supports both senior and early career researchers. Awards range from \$500,000 to \$5,000,000 but in 2013 will be capped at \$1,000,000. The Foundation supports high-risk, high-reward research in the areas of Science & Engineering and Medical Research. Activities that are not funded are listed at the end of this announcement.

You are strongly encouraged to read carefully information about the Science & Engineering and Medical Research programs available on the Keck website (<http://www.wmkeck.org/grant-programs/grant-programs.html>) The following excerpts may be of particular use as you draft your application:

“The Foundation strives to fund endeavors that are distinctive and novel in their approach. It encourages projects that are high-risk with the potential for transformative impact. "High-risk" comprises a number of factors, including questions that push the edge of the field, present unconventional approaches to intractable problems, or challenge the prevailing paradigm. In all our programs, "transformative" may mean creation of a new field of research, development of new instrumentation enabling observations not previously possible, or discovery of knowledge that challenges prevailing perspectives. Applicants may find it helpful to look over the abstracts of recent grants for understanding funding priorities.”

In a recent external evaluation of its grant-making programs, the Foundation was encouraged to:

- “Continue to encourage interdisciplinary or high risk projects that fall outside of traditional funding programs. The development of risky, innovative technology is often difficult to fund through traditional sources, making it a good target for private philanthropy.
- Encourage projects that can have a transformative effect on their fields or create new fields.
- Fund development of pioneering instrumentation, new technologies and novel methodologies, as these new tools can then be available to be used in the field or across fields.
- Consider potential collateral benefits when reviewing a risky project, as those benefits can mitigate the possibility of failure. A project may be worth trying, even if the ultimate outcome is not what was originally predicted or desired.
- Support a wide range of institutions and organizations, including “up-and-coming” institutions that are pursuing innovative and transformative projects. Often smaller institutions have specific areas of excellence that can be nurtured and developed.
- Seek a diverse set of individuals according to their career stages and research topics as well as gender and ethnicity. The committees found that support for early career investigators can yield high-payoff results.
- Consider institutional leadership and commitment carefully, as they are critical to the success of a project.”

The Keck Foundation will not fund the following activities:

- Routine institutional or general operating expenses, general endowments, deficit reduction, or general or administrative overhead expenses
- General and federated campaigns, including fundraising events, dinners, or mass mailings
- Support for conduit organizations, unified funds, or organizations that use grant funds from donors to support other organizations or individuals
- Clinical research or treatment trials
- Sponsorship of conferences or seminars, publication of books or the production of films or theater, and public policy research or activities of any kind
- Student tuition or fees

The Ellison Medical Foundation - 2013 New Scholar and Senior Scholar Awards in Neuroscience: Neuroscience of Aggressive Behavior

The goal of this program is to support innovative, basic neuroscience research that often falls outside the scope of traditional funding sources: such research may include projects involving the application of new concepts or new technologies whose feasibility is not yet proven; projects seeking commonalities among social and anti-social behaviors that might yield new insights into neural mechanisms of aggression and related violent disorders; or projects seeking to bring together diverse scientific disciplines in the study of aggression and social behaviors. Specific topics of interest include: molecular, cellular and genetic approaches to identify the fundamental neural circuits that regulate aggression and other social behaviors; studies of the effects of aggression and social interactions on brain and behavior; studies of aggressive and related “pro-social” behaviors in model organisms from invertebrates to lower vertebrates, rodents and non-human primates; functional imaging and cognitive science approaches to define the core mechanisms and neural architecture of aggression in humans; studies to examine the development of aggression and the control of impulsive tendencies in children; and studies to identify the interacting genetic and environmental factors that increase the risk of aggression and anti-social pathologies – or conversely promote resilience to protect from the harmful effects of violence – in humans.

Those invited to submit a full application will be notified of their selection and provided with application instructions in August, 2013. Applications will be due in late September. Awardees will be notified by early November, 2013. The earliest possible start date of the award is dependent on completion of the award agreement with the grantee institution.

See the [PDF](#) for further details.

United States-Israel Educational Foundation (USIEF), the Fulbright commission for Israel

The United States-Israel Educational Foundation (USIEF), the Fulbright commission for Israel, offers 8 fellowships to American post-doctoral researchers in support of work to be carried out at Israeli universities during the course of the 2014/2015-2015/2016 academic years.

The US Post-Doctoral Fellowship Program is open to candidates in all academic disciplines. Please click below for further details:

http://www.bsf.org.il/data/FormsToDownload/Fulbright_Israel_Post_Doctoral2013.doc

American Heart Association – Summer 2013 Funding Opportunities

The American Heart Association (National Office and Affiliate Offices) offers two funding cycles per year – winter and summer. The following are open research funding calls for Summer 2013. *Several programs have a broad target audience. You should always refer to the program description for details.*

- **Mentored Clinical & Population Research Award (formerly Clinical Research Program)**
Encourages early career investigators who have appropriate and supportive mentoring relationships to engage in high quality introductory and pilot clinical studies that will guide future strategies for reducing cardiovascular disease and stroke while fostering new research in clinical and translational science, and encouraging community- and population-based activities.
Offered by: [Founders](#), [Greater Southeast](#), [National and Western States Affiliates](#)

Career Stage: directed step/first independent step - masters degree. Healthcare professionals with a masters degree or certain doctoral degrees.

- Scientist Development Grant. Supports highly promising beginning scientists in their progress toward independence by encouraging and adequately funding research projects that can bridge the gap between completion of research training and readiness for successful competition as an independent investigator.
Offered by: [Founders Affiliate and National](#)
Career Stage: First independent step – instructor, assistant professor or other first academic appointment or equivalent
- Grant-In-Aid. Encourages and adequately funds the most innovative and meritorious research projects from independent investigators.
Offered by: [Founders, SouthWest and Western States Affiliates](#)
Career Stage: First independent step, intermediate level or recognized investigator – instructor, assistant professor or other first academic appointment or equivalent, associate professor or equivalent, professor or equivalent. Applicants are expected to be independent investigators.
- Established Investigator Award. Supports mid-career investigators with unusual promise and an established record of accomplishments; candidates have a demonstrated commitment to cardiovascular or cerebrovascular science as indicated by prior publication history and scientific accomplishments. A candidate's career is expected to be in a rapid growth phase.
Offered by: [National](#)
- Innovative Research Grants. Supports highly innovative, high-risk, high-reward research that could ultimately lead to critical discoveries or major advancements that will accelerate the field of cardiovascular and stroke research.
Offered by: [National](#)
- Predoctoral Fellowship. Helps students initiate careers in cardiovascular and stroke research by providing research assistance and training.
Offered by: [Founders, Greater Southeast, Midwest, SouthWest and Western States Affiliates](#)
Career Stage: gaining credentials – doctoral student
- Postdoctoral Fellowship. Helps trainees initiate careers in cardiovascular and stroke research while obtaining significant research results under the supervision of a sponsor or mentor; supports individuals before they are ready for some stage of independent research.
Offered by: [Founders, Great Rivers, Greater Southeast, Midwest, SouthWest and Western States Affiliates](#)
Career Stage: directed step - postdoctoral fellow
- American Stroke Association-Bugher Foundation Centers of Excellence in Stroke Collaborative Research for Regeneration, Resilience and Secondary Prevention. The Henrietta B. and Frederick H. Bugher Foundation has committed \$9.24 million dollars to the American Stroke Association (ASA, a division of the American Heart Association) to support a new network of three Centers of Excellence in Stroke Collaborative Research for a period of four years.

View more information about this exciting new funding opportunity and download the full [Request for Applications](#).

- AHA/Gerontological Society of America National Hartford Centers of Gerontological Nursing Excellence Postdoctoral Fellowship Award. Special funding is made available from the Gerontological Society of America-National Hartford CGNE to support an investigator proposing innovative basic, clinical or translational research projects relevant to gerontological nursing, aging, cardiovascular disease and /or

stroke. In addition to an RN degree, applicants must hold a PhD, DN.Sc. or equivalent degree at the time of award activation. DNP applicants are not eligible. The chosen awardee will be expected to attend the GSA Leadership Conference both years of the fellowship.

Interested parties should [submit a postdoctoral fellowship application](#) to their local affiliate.

- AHA/Myocarditis Foundation Postdoctoral Fellowship Award. Supports an investigator proposing innovative basic, clinical or translational research projects relevant to the etiology, pathophysiology, diagnosis, treatment epidemiology and/or prevention of myocarditis.

Interested parties should [submit a postdoctoral fellowship application](#) to their local affiliate.

- AHA/ASA/American Brain Foundation Lawrence M. Brass, M.D. Stroke Research Postdoctoral Fellowship Award. Special funding is available from the American Brain Foundation to support a training award for an individual interested in embarking on a career in stroke research related to vascular neurology, stroke and neurocritical care. Individuals should not have more than 5 years of postdoctoral research training.

Interested parties should [submit a postdoctoral fellowship application](#) to their local affiliate.

- AHA/CCF Pediatric Cardiomyopathy Joint Research Award

The Children's Cardiomyopathy Foundation (CCF) has partnered with the American Heart Association (AHA) to establish a research award for investigators conducting research specific to pediatric cardiomyopathy. CCF will provide \$35,000 per year for two years to fund one project related to pediatric cardiomyopathy research. The AHA will provide the balance of the funds needed to fully fund the selected award.

Interested parties should submit a [Beginning Grant-in-Aid](#) or [Grant-in-Aid](#) to their local affiliate.

Crohn's & Colitis Foundation of America (CCFA)

Please note letters of intent (LOIs) are now being accepted for the CCFA Fall 2013 review cycle. Letters of intent must be submitted electronically, via the link below, and are due no later than Wednesday, May 1, 2013 at 5PM Eastern. Hard copies of LOIs are not required.

<https://proposalcentral.altum.com/default.asp>

Those invited to submit full applications must do so no later than **Monday, July 1, 2013 at 5PM Eastern**.

Letters of intent are required for new applications for the Research Fellowship, Career Development and Senior Research Awards. Please note that funding decisions for the Spring 2013 cycle are due to be made in early to mid-May. Resubmitted proposals do not require letters of intent.

Questions:

Joseph O'Keefe, MPA

Director of Grants Administration

jokeefe@ccfa.org

(646) 943-7505

Keystone Symposia Early Career Investigator Travel Awards (ECITA)

Keystone Symposia has now some additional funds for Early Career Investigator Travel Awards (ECITA). These awards are for Assistant Professors from designated URM backgrounds in the U.S., who are “bench” researchers. The purpose is to support their research success by providing funds for them to attend one of the Keystone Symposia research meetings (Up to \$1800).

The application may be found on-line at www.keystonesymposia.org/diversity
<<http://www.keystonesymposia.org/diversity>> See ECITA.

- There will be (9) awards for the 2013/2014 Keystone Symposia meeting season.
- The applicants must choose a scheduled meeting from March 1, 2013 through February 28, 2014 and have all receipts submitted for reimbursement to Keystone Symposia within 2 weeks post the end of the meeting.
- Reimbursement is only for registration, ground and air transportation, and lodging.
- Applications are reviewed by meeting organizers and the DLSP office.
- Awards are made based on the applicant's research question and the likelihood of getting the question answered at the meeting selected.
- All awards will be made on a "first come - first served" basis.
- Award Amount: 1,950 USD. This is a reimbursement award - all receipts must be submitted at one time for reimbursement.
- The application process for such awards will open March 1, 2013.
- [Click here](#) to download the application.

Applicants MUST be engaged in laboratory research and focused on a career in “bench” research.

Robert Wood Johnson Foundation: Active Calls for Proposals

****New** - [Public Health Services and Systems Research: Mentored Research Scientist Development Awards](#)

Wed, 21 Aug 2013
3:00 p.m. ET

PHSSR: Mentored Research Scientist Development is intended to strengthen the pool of researchers available to conduct PHSSR and to build on successful principles and models previously demonstrated in public health and health services research.

[Robert Wood Johnson Foundation Roadmaps to Health Prize](#)

Deadline: Thu, 23 May 2013
3:00 p.m. ET

Awarded annually to honor outstanding community efforts and partnerships that are helping people live healthier lives, winning communities receive a \$25,000 cash prize.

[Healthy Eating Research: Building Evidence to Prevent Childhood Obesity-Round 8](#)

Deadline: Wed, 10 Jul 2013
3:00 p.m. ET

HER supports research on environmental and policy strategies with strong potential to promote healthy eating among children to prevent childhood obesity.

[Robert Wood Johnson Foundation Health & Society Scholars](#)

Deadline: Fri, 20 Sep 2013
5:00 p.m. ET

This program provides support to postdoctoral scholars to build the nation's capacity for research and leadership to address the multiple determinants of population health and contribute to policy change.

Open

[Changes in Health Care Financing and Organization](#)

Open

HCFO supports research, policy analysis and evaluation projects that provide policy leaders timely information on health care policy, financing and organization issues.

[Changes in Health Care Financing and Organization: Small Grants](#)

Open

Small grants: HCFO supports research, policy analysis and evaluation projects that provide policy leaders timely information on health care policy, financing and organization issues.

Events and Announcements

[*New - Dana-Farber/Harvard Cancer Center - Bridge Program Technology Seminar: June 27](#)

We invite you to attend our upcoming Bridge Project Technology Seminar on June 27 from 5:00-7:30 p.m. in the Yawkey Conference Center (third floor), 450 Brookline Avenue. Engineers from MIT and the Koch Institute (KI) will present new technologies for cancer diagnosis and drug development.

Registration is required. Q+A and a networking reception will follow the presentations. [Please register to attend here.](#)

The goal for the seminar is to bring together engineers and technologists from across MIT with DF/HCC members to introduce tools and capabilities that could be used by new collaborative teams to improve cancer treatment. Applications will be due on Sept. 5, 2013 for the next round of Bridge team funding. Each team can request up to \$750,000 over the two year project period.

Applications will be accepted from teams addressing unmet clinical needs in the areas of lung cancer, pancreas cancer, GBM, ovarian cancer, melanoma, metastatic prostate cancer, metastatic breast cancer, and adult

leukemia.

For more information on the Bridge program, visit the [Bridge Program website](#).

Seminar speakers include engineers from MIT and the KI in the following areas:

Systems Biology: Linda Griffith, Doug Lauffenburger, Ron Weiss

Early Detection/Diagnostics: Barbara Imperiali, Peter So, Joel Voldman, Krystyn van Vliet