

**Higher Education Grants for Rhode Island  
November 14, 2017**

## **Grants for Research Coordination Networks in Undergraduate Biology Education (RCN-UBE)**

**Funding Source: National Science Foundation**

Deadline: January 30, 2018

Grants of the RCN-UBE program aim to advance a field or create new directions in research or education by supporting groups of investigators to communicate and coordinate their research, training, and educational activities across disciplinary, organizational, geographic, and international boundaries. RCN-UBE is responsive to the national movement to revolutionize undergraduate learning and teaching in the biology. It seeks to improve undergraduate biology in different areas by leveraging the power of a collaborative network. The focus of an RCN-UBE proposal can be on any topic likely to advance the goal of enhancing undergraduate biology education. The program has contributed to developing and disseminating educational research resources and modules, forging of new collaborations, and sharing of best practices and ideas for scalability and sustainability of activities. Networking activities should focus on a theme to give coherence to the collaboration. RCN-UBE provides opportunities to foster new collaborations to address interdisciplinary topics, to explore innovative ideas for implementing novel networking strategies, to explore collaborative technologies, and to develop community standards. Awards do not support existing networks, established collaborations or primary research.

[See the full text of this grant](#)

## **Grants for Projects that Promote Caregiver Health Using Self-Management**

**Funding Source: National Institutes of Health**

Deadline: February 05, 2018; June 05, 2018; October 05, 2018

Grants stimulate and support research in promoting caregiver health using self-management. Caregiving is an important science area since the number of people living longer with chronic conditions is growing. Informal caregivers (lay caregivers) are defined as unpaid individuals involved in assisting others with activities of daily living and/or medical tasks. Research projects of interest include those that seek to:

- Design culturally-tailored interventions to help caregivers leverage supports, manage burdens, stress, and other negative outcomes to maximize healthy behaviors and quality of life
- Develop culturally-sensitive tools using self-management and technology to improve caregivers' skills, knowledge, and access to resources, services, and social support for caregiver health
- Identify biomarkers to help predict when caregivers are at high risk for poor health
- Identify self-management interventions at different transitions in the caregiving that address the challenges, barriers, and unique situations related to caregiver's demographic and health profile
- Identify what interventions are efficacious and effective for self-management of care-givers across chronic conditions
- Identify mechanism of action of self-management interventions that work to affect caregiver health outcomes

[See the full text of this grant](#)

## Grants for Research Related to the Theme "Wood and Culture"

### Funding Source: World Wood Day Foundation

Deadline: February 12, 2018

Grants of the World Wood Day Foundation (WWDF) focus on "Wood and Culture", especially those with an historical perspective. Ongoing projects and new initiatives are encouraged to apply. The WWDF is an US-based nonprofit organization that is dedicated to 1) raise public awareness of wood as an eco-friendly material and its significant role in world history; 2) inspire academic research and 3) promote responsible wood usage for a sustainable future. By carrying out its missions, the WWDF supports interdisciplinary and integral investigation for exploring how wood has played a prominent role in human life. "Wood and Culture" is a broad and encompassing theme that encourages a wide range of academic research. The grant is \$12,000 and the final decision of grant recipients will be announced on the World Wood Day (WWD), March 21, 2018. The funded projects will be requested to present by grant recipients on the following WWD in 2019. Accommodation and transportation to the event location will be fully covered by the International Wood Culture Society. In addition, grant recipients will be required to submit a research article together with a financial report to WWDF by April 15, 2019. Research articles will be reviewed by the board committee of the Wood Culture Journal.

[See the full text of this grant](#)

## Grants for Innovators in Medicine and Nursing

### Funding Source: Josiah Macy, Jr. Foundation

Deadline: February 14, 2018

Grants of the Macy Faculty Scholars Program support programs to accelerate needed reforms in health professions education to accommodate the dramatic changes occurring in medical practice and health care delivery. Areas of Interest include:

1. Interprofessional education to promote team work and interprofessional collaboration.
2. New models of clinical education that emphasize longitudinal, integrated experiences with patients, families, and faculty
3. New content in health professional curricula such as quality improvement, patient safety, systems analysis, health economics and the social determinants of health
4. Education of health professionals to care for underserved populations, including addressing the need for more primary care providers.
5. Programs to diversify the health professional workforce across many dimensions so that it more closely matches the populations to be served
6. Domestic programs that promote an understanding of a global health perspective

Each Scholar (up to five faculty leaders each year) will receive salary support up to \$100,000 per year over two years. Scholars must be nominated by the Dean of their institutions, who must commit to protecting at least 50 percent of the Scholars' time to pursue education reform projects at their institution. Each school may nominate only one candidate each year, and will be expected to provide a senior faculty member to mentor the Scholar.

[See the full text of this grant](#)

## Grants for Behavioral Science Research by Beginning Investigators (B/Start)

**Funding Source:** National Institutes of Health (NIH) / National Institute on Drug Abuse (NIDA)

**Deadline:** February 16, 2018; June 16, 2018; October 16, 2018.

Grants seek to facilitate the entry of beginning investigators into the field of behavioral science research related to drug abuse. These R03 projects will be supported for one year to allow gathering of pilot data with the intent that PDs/PIs become better positioned to seek additional support for independent research programs. To be appropriate for a B/Start award, research must be primarily focused on behavioral processes and research questions. Areas of behavioral research identified as high priority include:

- tobacco smoking (including use of e cigarettes and alternate forms of nicotine) delivery
- the co-morbid expression of drug abuse and addiction with other psychiatric disorders
- prescription drug abuse, particularly in adolescent populations
- interventions that are effective alone or in combination with pharmacological approaches
- success of abstinence methods and prevention of relapse
- novel interventions for preventing and treating drug abuse and addiction
- cognitive and behavioral interventions to improve treatment outcomes,
- vulnerability phenotypes or individual differences, characterized at all levels of analysis
- epigenetics
- marijuana use during development and in particular, effects of cannabinoids and other drugs of abuse on cognitive processes

[See the full text of this grant](#)

## Grants for Women in the Chemical Sciences

**Funding Source:** American Association for the Advancement of Science

**Deadline:** March 01, 2018

Grants of the Marion Milligan Mason Award for Women in the Chemical Sciences program have a goal of kick-starting the research career of promising future senior investigators in the chemical sciences. The Marion Milligan Mason Fund will provide four grants of \$50,000 every other year to women researchers engaged in basic research in the chemical sciences. Awards are for women who are starting their academic research careers. In addition to research funding, the program will provide leadership development and mentoring opportunities. Applicants must have a "full-time" career-track appointment. More than one applicant from the same institution can apply for this award, provided that each application is scientifically distinct. Eligibility criteria are:

- must have completed a Ph.D. in chemistry, biochemistry, physiology, or any chemistry-related field.
- must be early in a research career as teaching or research staff with 10 or fewer years since earning a Ph.D., at the time of application. Must not be a postdoctoral fellow.
- must be actually originating independent research work in a U.S. Ph.D. granting institution

[See the full text of this grant](#)