

05-15-2017

Request for Applications

CAREER DEVELOPMENT
FELLOWSHIP

Rare Kidney Stone Consortium
[U54DK083908]



Objectives: The RARE KIDNEY STONE CONSORTIUM Career Development program is designed to support advanced post-doctoral, junior faculty who want to become independent clinical and translational investigators in the field of kidney stone disease, or established investigators interested in redirecting their investigative focus in this area. Successful applicants will design and carry out an individually tailored program that combines a clearly defined training component with a mentored research experience that employs the resources of the RARE KIDNEY STONE CONSORTIUM or that addresses a question relevant to kidney stone disease.

1. Eligibility:

- Categories of appointees:
 - **Clinical fellows** (MD, MD/PhD, or equivalent degrees) who have completed their clinical training in nephrology or pathology or a subspecialty relevant to the study of kidney stone disease in humans
 - **Advanced PhD post-doctoral fellows** with basic science or biostatistics training with an interest in translational research who seek advanced training in clinical research in human kidney stone disease
 - **Junior faculty** with training similar to that noted above who are interested in establishing a career investigating kidney stone disease in humans
 - **Established investigators** interested in **refocusing** their investigative path to include studies of kidney stone disease in humans
- Individuals must be specifically interested in training to do translational or clinical research. Translational research can be broadly interpreted to include laboratory or *in silico* investigations that can be directly applied to studying human kidney stone disease. Examples of these types of investigations include but are not limited to identification of molecular biomarkers, studies involving techniques of human genetics, or studies involving generation or application of the tools of biostatistical modeling and epidemiological studies.
- Applicants can come from Consortium participant institutions or elsewhere as long as the trainee is supervised in a direct and meaningful fashion by a RARE KIDNEY STONE CONSORTIUM -affiliated mentor.
- This training program is **NOT** intended for pre-doctoral candidates or junior level post-doctoral fellows.

2. The Training Program should have two components:

- **Mentored research project** with an established investigator conducting clinical or translational research in the area of or related to human kidney stone disease. Ideally, the trainee's project should employ the unique infrastructure, clinical data, or specimens assembled by RARE KIDNEY STONE CONSORTIUM.
- An individualized training program that would enhance formal skills in clinical research design, statistics, etc. relevant to the intended investigative path. If

appropriate, this might include formal class work, participation in ongoing seminar series, or other appropriate training.

3. Program Features

- Two awards are available:
 - An NIH funded award for a maximum of **\$50,000** direct costs per year. Salary, fringe benefits and research expenses can be budgeted to this fund. Other resources can be used to supplement the research project or salary, such as institutional or other funds available to the mentor.
 - A Mayo funded award for a maximum of **\$35,000** direct costs per year. This award is limited to Mayo Clinic investigators. Salary, fringe benefits and research expenses can be budgeted to this fund. Other resources can be used to supplement the research project or salary, such as institutional or other funds available to the mentor.
 - A Mayo investigator could propose a project that would encompass both awards for a total of **\$85,000** direct costs.
- Duration of grant support will be for 1 year, with an option to renew.
- Applicant institutions are encouraged to contribute to financial and other resources necessary for the success of the proposed training program. The use of CTSA funding and other institutional resources should be considered.
- Trainees are required to participate in RARE KIDNEY STONE CONSORTIUM Steering Committee meetings, to present their research at scientific meetings, and to publish their work at the earliest opportunity.
- Trainees are expected to present their work at a RARE KIDNEY STONE CONSORTIUM Investigators Meeting at the end of each grant year.
- A mentoring committee of 2 investigators in addition to the primary mentor is required. This committee will meet twice yearly to supervise the fellow's project and to provide career counseling.
- Trainees should participate in seminar programs at their home institutions relevant to their area of interest. Details of these elements should be included in the submitted training program plan.

4. Application format

- Please use NIH Form 398 application forms using the 398 form instructions. (<http://grants1.nih.gov/grants/funding/phs398/phs398.html>)
- Please include the following:
 - Cover sheet (Face Page prepared by OSPA)
 - Abstract (398 Form Page 2)
 - Budget (398 Form Page 4 and 5—a modular budget should **not** be used); prepared by Research Services, Mayo investigators should work with the Office of Sponsored Projects (OSPA) to develop the budget for the proposal. At Mayo Clinic Rochester, contact Tracey Anderson (Anderson.tracey@mayo.edu), Mayo Clinic Arizona, Jennifer Walker (Walker.Jennifer1@mayo.edu), or Mayo Clinic Florida, Corey Pierson (flaresearchgrants@mayo.edu)
 - If you will require study coordinator support from a Mayo Clinic study coordinator for your project/protocol, please include effort for a study coordinator in the budget.
 - Biographical sketch for Trainee and Mentor(s) (398 Format)
 - Resources Page (include those relevant to the application) (398 Format)
 - Research and Training plan – Divided into two components; up to 5 pages can be used for both parts together as needed.
 - **Research plan** structured as follows:
 - Specific Aims
 - Background and Significance
 - Preliminary Data if any
 - Research Design

- Literature Cited
- **Training Plan** containing the following elements
 - Training Program
 - Applicants career plan
 - How the Training Program will help the applicant attain his career plans

The following elements are also required, but not part of the 5-page limit

- **Human studies** (provide evidence of local IRB approval; may be provided just prior to issuance of notice of award)
- **Sharing plan**: Please provide a statement that you will impose no restrictions in sharing data or reagents generated by this project in accordance with the RARE KIDNEY STONE CONSORTIUM Ancillary Studies Policy and the RARE KIDNEY STONE CONSORTIUM Publications and Presentations Policy.
- **Letters of support**:
 - **From mentor** detailing commitment, providing evidence of mentor's training experience, and describing training plan
 - **Letter of reference**: at least one additional letter from a previous mentor attesting to the qualifications and potential of the trainee for a career in rare diseases research.

5. Grant submission:

- All applications should be compiled into a single pdf format document that can be read using the Adobe Reader or Acrobat application.
- Please submit applications to Tammy Greenwood (greenwood.tammy@mayo.edu). Please place "RARE KIDNEY STONE CONSORTIUM Fellow Application/Your last name" in the subject line. A confirmation email will be sent to the applicant.
- Timeline:
 - RFA issued: May 15, 2017
 - OSPA internal deadline/budgets must be final: June 23, 2017
 - Applications due: June 30, 2017 at 5 PM (CST)
 - Applications reviewed: July-August 2017
 - Awards are scheduled to be announced: August-September 2017

6. Terms of Support

- Funds are provided to investigator's institution for use by the applicant; it is the applicant institution's obligation to ensure proper use of funds and timely submission of progress reports.
- Disbursal of grant funds will be made in quarter-annual payments at the end of each fiscal quarter. Final quarter payments will be made only after receipt of an annual progress report which is due on the last day of each fiscal year of the project.
- Principal investigators must comply with human institutional review board requirements and demonstrate current approval of these committees
- Reporting requirements: Principal investigators *must* provide an annual report by the last day of each one year funding cycle describing briefly progress made during the previous year.
- It is expected that results obtained will be shared with the consortium in a manner consistent with the ancillary studies policy of the RARE KIDNEY STONE CONSORTIUM.
- It is required that the management of data and publications will be conducted in accordance with the RARE KIDNEY STONE CONSORTIUM Ancillary

Studies Policy and the RARE KIDNEY STONE CONSORTIUM Publications and Presentations Policy

- The RARE KIDNEY STONE CONSORTIUM and its associated investigators do not discriminate on the basis of race, gender, religious, or ethnic group.

Questions? For information about the consortium and training program please contact David Goldfarb (dsgold@verizon.net), John Lieske (Lieske.John@mayo.edu), Dawn Milliner (milliner.dawn@mayo.edu) or Tammy Greenwood (Greenwood.tammy@mayo.edu).