

UROLOGY CARE FOUNDATION PROGRAM ANNOUNCEMENT

FOR THE

PHYSICIAN SCIENTIST RESIDENCY TRAINING AWARD: PROGRAM SITE

IMPORTANT DATES AND TIMES

Letter of Intent Deadline: 5:00 p.m. local time, June 20, 2017

Application Submission Deadline: 5:00 p.m. local time, August 8, 2017

Peer Review: September 2017

Selection Notification: October 2017

Award Period: July 1, 2019 – June 30, 2027



American
Urological
Association

*Advancing Urology™
through Research*

Urology Care
FOUNDATION™
*The Official Foundation of the
American Urological Association*

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I. FUNDING OPPORTUNITY DESCRIPTION

A. UROLOGY CARE FOUNDATION AND AUA OFFICE OF RESEARCH MISSIONS

The **Urology Care Foundation**, the official foundation of the American Urological Association (AUA), works to ensure the future of urologic health by supporting and improving the prevention, detection, and treatment of urologic diseases through research and education. The Urology Care Foundation has recognized a major need to encourage bright, young physician-scientists and researchers to dedicate their careers to improving patients' lives through better understanding the development and management of urologic diseases and conditions.

The **AUA Office of Research**, created in 2001, works toward its mission to increase and maintain the workforce of urology physician-scientists and researchers to catalyze the advancement of clinical practice and reduce the burden of urologic disease through impactful research. The Office of Research administers all aspects of Urology Care Foundation mentored research award application receipt and review, as well as grant management. For questions related to administration of applications or awards, see **Section V. Contact Information** of this Program Announcement.

B. AWARD INFORMATION

1. BACKGROUND

The **Physician Scientist Residency Training Award** is the newest of the AUA and Urology Care Foundation mentored research grants and is being initiated as an award program in May 2017. This award is designed to provide early-career, intensive research training that will develop the skills necessary to enable ambitious and talented urologists to succeed as independently funded surgeon-scientists in urologic research.

Conducting research is an exciting and vital activity critical to the advancement of clinical practice and improved care for patients. Importantly, success in research requires a diversity of perspectives from both clinically and laboratory trained investigators, yet there is a current attrition of physician-scientists, especially from surgical specialties such as urology. This issue is an area of ongoing concern in both the national and international research communities. Research training during residency has the potential to address this concern, as it will develop the commitment and diversity of skills needed for later success in independently funded research careers.

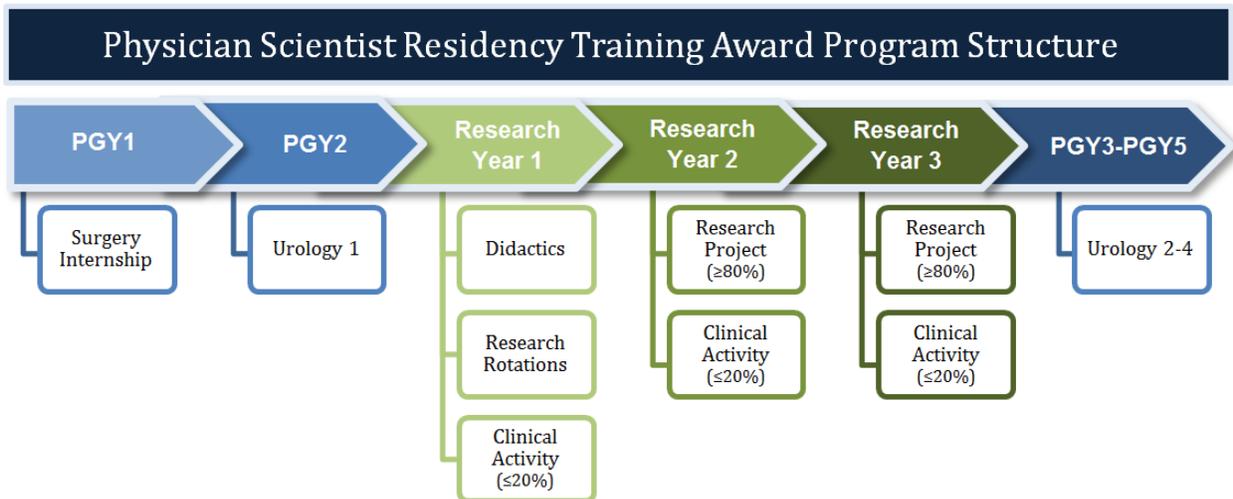
With AUA and Urology Care Foundation recognition of the critical need to train surgeon-scientists who have the knowledge and expertise to advance urology science, the Physician Scientist Residency Training Award is being offered for the first time to enable a focused and well-defined urology residency research track that will properly train carefully selected individuals at urologic research centers of excellence with strong infrastructure, mentoring, didactics, and career development elements for successful and impactful careers as independently funded urology researchers. The successful applicant institution will have a robust track record of residency research training, a diversity of urologic research areas available for study with emphasis on areas understudied by surgeon-scientists, and a selection of established scientists with successful funding records and available to serve as mentors to the trainee.

This award is made possible through generous support from the Dornier MedTech Research Endowment Fund.

2. PROGRAM TIMELINE AND STRUCTURE

The Physician Scientist Residency Training Award program will select approved Program Sites in October 2017. Subsequently, applications from potential trainees will be received in Fall 2018 from applicants either enrolled in year 4 of their medical school degree programs or medical school graduates not more than two years beyond graduation by July 1, 2018. Trainee applicants must be completing, or must have completed, medical school at an institution within the boundaries of the [AUA Sections](#). Candidate trainees will be evaluated in Fall 2018 (to be fully described in the Physician Scientist Residency Training Award: Physician Scientist Trainee Program Announcement, which will be released in Summer 2018) and placement of the selected trainee at one of the approved Program Sites will be determined by the AUA Office of Research. Importantly, candidates for this program are expected to also register for the American Urological Association's [Urology Residency Match Program](#). To ensure that the selection process for the Physician Scientist Residency Training Award will in no way hinder a candidate trainee's eligibility for the regular Urology Residency Match Program, notification of the Physician Scientist Residency Training Award recipient will be completed no later than December 31, 2018.

The Physician Scientist Residency Training Award recipient will complete all requirements from post-graduate year (PGY)-1 to PGY-5 of clinical training, as well as research training, as described below:



PGY-1 and PGY-2 (Internship & Uro 1 Years of clinical training): The first two post-graduate years (PGY-1 and PGY-2) will be spent in surgical training to provide the trainee with a thorough grounding in general surgical and urological principles. In addition, participation in research-related activities (e.g., seminars), as can be accommodated by clinical training responsibilities, and attendance at specified AUA research events will be required. Year 1 and Year 2 progress reports, detailing performance in clinical training and specific engagement in research-related activities, will also be required.

Research Year 1: After acquiring a solid background in clinical urology, the first year of research training will include research-related courses, seminars, and other didactic training, as well as research rotations with established scientists in laboratories that may be selected as the location for the trainee's full research project. *It is anticipated that research rotations and subsequent selection of the research project should focus on areas and/or disciplines of research relatively understudied by urology physician-scientists. It is the responsibility of the PI to justify how the research areas and/or disciplines proposed for the training program can be considered understudied by urology physician-scientists; however, examples include but are not limited to basic science, bio/tissue engineering, bioinformatics,*

or other under-represented areas. It is expected that Research Year 1 will provide the trainee with knowledge of and some experience in the basic investigative techniques being utilized to advance our understanding of diseases and conditions of the genitourinary tract. Biannual progress reports and attendance at specified AUA research events, with presentation of research results if available, will be required. Importantly, graduate degree-granting research programs are expected to ensure that didactic and other training is commensurate with degree requirements, should the trainee be anticipating a research degree (master's or doctoral level) upon completion of his or her research training.

Research Years 2 and 3: Research Years 2 and 3 will focus on immersion into the research project with a carefully selected primary mentor and mentoring team. *Clinical responsibilities, while important to maintaining clinical skills, must not exceed 20% of the trainee's full-time professional effort.* A program may propose less than 20% of the full-time professional effort to be dedicated to clinical activities, but should understand that this facet of the program will be considered by the AAMC Urology RRC when considering approval of an additional residency slot or restructuring of the existing residency program. Submission of a research project proposal to the AUA Office of Research is expected within the first two months of Research Year 2, with Office of Research peer review and approval of the project completed within 30 calendar days after the research project proposal submission. Research Years 2 and 3 are expected to provide the trainee with in-depth experiences that establish:

- A strong foundation in study design, methods, and analytic techniques appropriate for the proposed research area;
- Enhancement of the trainee's ability to conceptualize and think through research problems with increasing independence;
- Experience in conducting research using state-of-the-art methods as well as presenting and publishing research findings;
- Interactions with members of the scientific community at appropriate scientific meetings and workshops; and
- Knowledge and early development of the spectrum of modern scientific skills needed to succeed as an independent investigator.

Biannual progress reports and attendance at specified AUA research events will be required. Assessment of progress will include but may not be limited to advancement of the research project, presentations at intramural, regional, and/or national meetings, and manuscripts submitted for publication. Should a site visit be requested by either the institution or the Office of Research, the institution will be required to accommodate the visit, with costs to be covered by the Office of Research. After completion of the research program, and if possible at the research institution, preferred by the trainee, and all degree requirements are met, the trainee will be awarded a master's or doctoral level research degree.

PGY-3-5 (Uro 2 to Uro 4 years of clinical training): After completion of the dedicated research years, the candidate will return to clinical training for completion of urology residency PGY3 through PGY5. During this time, it is expected that the large majority of the trainee's efforts will focus on exceptional performance in and completion of his or her clinical training. However, annual progress reports, as well as attendance at specified AUA research events, will be required. Assessment of progress will include performance in clinical training and ongoing, albeit limited, engagement in research-related activities.

NOTE: Applicant institutions may propose and justify slightly different program structures than the structure described herein. However, it is strongly recommended that the proposed training program avoid diminishing the benefits of research training that occurs relatively early during the course of the residency.

C. ELIGIBILITY INFORMATION

1. APPLICANT INSTITUTION

To be eligible to compete for approval as a Urology Care Foundation Physician Scientist Residency Training Award Program Site, the applicant institution must be accredited by the Liaison Committee for Medical Education (LCME), registered with the Association of American Medical Colleges (AAMC) Electronic Residency Application Service (ERAS[®]), and project that availability of a residency slot for use by the Physician Scientist Residency Training Award trainee. ***In most cases, institutions approved for this program will need to immediately apply for approval of an additional residency slot or restructuring of the residency program to accommodate the physician scientist resident candidate. Approval for any change in residency will require review by the AAMC Urology Residency Review Committee (RRC). Because this approval will require a thorough review by the RRC, institutions should be in good standing with the RRC prior to application to the Physician Scientist Residency Training Award program.***

In addition, applicant institutions must be located within the boundaries of the eight sections of the AUA (<http://www.auanet.org/about-us/aua-governance/aua-sections-and-demographics>).

While not included in the eligibility criteria per se, additional institutional characteristics that prospective applicant institutions may use to determine appropriateness for this award program include the ability to:

- Commit adequate on-site faculty and staff, facilities, and educational resources for successful research training of the candidate;
- Allow for flexibility in resident rotation schedules, typically provided by virtue of high clinical volume; and
- Graduate an additional chief resident who has participated in the urology residency research track.

Neither the Urology Care Foundation nor the AUA Office of Research discriminate as to age, race, color, gender, religion, sexual orientation, disability, citizenship or national origin in the employment and promotion of staff or in the selection of institutions or trainees in the Physician Scientist Residency Training Award program.

D. FUNDING INFORMATION

1. AWARDS AVAILABLE

Currently, one trainee position is available to begin residency training in July 2019. The duration of the training program is 8 years, although funding is provided only during the research training years at **\$75,000 per year for three years**. Funding is provided by the Urology Care Foundation with support from the Dornier MedTech Research Endowment Fund. Should additional funds for the program become available prior to selection of trainees in 2018 or future years, additional trainees will be selected and matched with appropriate, pre-approved Program Sites. ***The AUA Office of Research anticipates selecting three to five institutions as approved Program Sites. Selection as an approved Program Site does not guarantee that a trainee will be assigned to that site.***

2. OVERLAP IN FUNDING

No other government-, non-government-, or industry-sponsored projects may fund the same scope of work as the grant application to the Physician Scientist Residency Training Award. However, an award from this program may be related to other funding from foundations, government agencies, or other funding organizations, provided there is no direct overlap. Trainees supported through this program are not eligible to concurrently apply for any other Urology Care Foundation research training awards. However, after completion of the Physician Scientist Residency Training Award, eligibility for other appropriate Urology Care Foundation awards will be restored.

It is the responsibility of the institution to justify the novelty of the proposed project and provide evidence that the application does not overlap with any current or pending funding.

3. DISTRIBUTION OF FUNDS AND INSTITUTIONAL COST-SHARING

The Urology Care Foundation will provide \$75,000 per research training year, paid directly to the institution, in conjunction with institutional cost-sharing to provide the full support needed by the trainee. Funding, issued in two payments of \$37,500, will be provided on approximately August 1 and February 1 for each year of the three-year research period of the award.

It is permissible and encouraged that Urology Care Foundation funds be used to provide salary support for the resident during his or her research training. These funds should not be distributed as a “bonus” or other “prize”-type compensation that would create disparities between the Urology Care Foundation-funded resident and his or her peers. Rather, the Foundation funds should be used to replace the awarded resident’s salary or other direct costs. In addition, the institution is obligated to cost-share funds for the trainee, which may consist of additional salary (not beyond peer parity) and/or funding for research supplies or other direct costs for research training including course registration fees and travel costs for scientific meetings. ***Under no circumstances should Urology Care Foundation funds be used for institutional indirect costs or for salary support for anyone other than the Urology Care Foundation-funded trainee.*** Misappropriation of funds may result in an institution’s disqualification from eligibility for future Urology Care Foundation funding opportunities.

The Urology Care Foundation does not withhold taxes from awards (i.e., federal withholding, social security, local or state taxes, etc.). It is the responsibility of the host institution and/or awardee to ensure that appropriate federal and local taxes are accounted for.

II. PREPARATION AND SUBMISSION OF APPLICATION MATERIALS

A. GENERAL INFORMATION

All applicant institutions must submit a letter of intent, receive permission to submit a full application, and submit a full application in compliance with all deadlines to be considered for inclusion in this award program.

Electronic Submission: Letters of intent and full applications must be submitted via email to grantsmanager@auanet.org. Confirmation of receipt of letters of intent and applications will be provided via email no later than 72 hours after submission.

All information pertinent to this award program is contained in this Program Announcement and in the respective Application Agreement form, both available at <http://www.auanet.org/research/funding-opportunities/physician-scientist-residency-training-award>.

B. LETTER OF INTENT

Potential applicants seeking approval as Program Sites for the Physician Scientist Residency Training Award program **are required** to submit a Letter of Intent (LOI) prior to submission of the full application. LOIs should be written by the intended Principal Investigator (PI) of the application and must be submitted by email to grantsmanager@auanet.org by the deadline of **Tuesday, June 20, 2017, at 5:00p.m. local time**. LOIs will be used to assess the appropriateness of the prospective Program Site applicant to the intent of the award program and for peer review planning. LOIs will be reviewed programmatically and permission to submit, if granted, will be provided within 10 business days of receipt of the LOI. Permission to submit a full application does not bind the applicant institution to submit the application.

Content and Submission of the LOI:

The LOI has no page limit and must include the following elements:

1. List of participating institution(s) including medical schools, hospitals and/or clinics;
2. Name, mailing address, email address, and telephone number of:
 - the intended PI of the application; this individual will serve as the Training Program Director;
 - the institution's Urology Department Chairperson, if different from the PI; and
 - the institution's Urology Residency Program Director, if different from the PI;
3. List of potential mentor(s) that will be available to the trainee during his or her research training. This section should include the mentors' areas of research expertise (with attention to research disciplines under-represented in urology surgeon-scientists), summary of training experience, and summary of research funding;
4. Brief description of past experience providing research training to urology residents;
5. Brief description of didactic training that will be available to residency trainees; and
6. Affirmation of the institution's urology residency program as being in good standing with the AAMC Urology RRC.

LOIs must be submitted by email to grantsmanager@auanet.org by the deadline of Tuesday, June 20, 2017, at 5:00p.m. local time.

C. PREPARATION AND SUBMISSION OF THE APPLICATION PACKAGE

PLEASE NOTE: Prepare the application package to include all documents in the order below. The application package should be submitted as a single PDF file, with each component adhering to its specific page limitation as indicated below. All applications will first undergo administrative review to

ensure compliance with the application requirements prior to peer review. Any components that exceed their respective page limits will be truncated; *if the Training Program Description is missing or exceeds the page limit, the application will not be reviewed.*

1. Application Agreement

The applicant institution must submit a completed institutional Application Agreement, available for download at <http://www.auanet.org/research/funding-opportunities/physician-scientist-residency-training-award>. The Application Agreement form must be completed in its entirety, including all necessary signatures and contact information. Signatures should be in writing and not electronic format.

2. Letter of Intent and Letter of Permission to Submit

Include the Letter of Intent as originally submitted, along with the Letter of Permission to Submit as received from the AUA Office of Research.

3. Training Program Description (ten-page limit)

The Training Program Description should include the following elements:

a. Urology Residency Program

Provide an overview of the urology residency program including facilities involved (i.e, medical schools, hospitals, and/or clinics), number of urology residents per year and typical clinical volumes, results from the most recent AAMC Urology RRC review, how residency clinical loads will be managed between regular and research trainee residents, and whether an additional residency slot will need to be requested if the institution is selected as a Program Site for this award.

b. Residency Research

Describe typical residency research exposure/engagement during clinical training (PGY1-5) and the program's record of training previous urology residents in research. Provide a **detailed description** of the planned research training for a Physician Scientist Residency Trainee including coursework, seminars, travel to scientific meetings, and research experience that will provide the following:

- A strong foundation in study design, methods, and analytic techniques appropriate for the proposed research area;
- Enhancement of the trainee's ability to conceptualize and think through research problems with increasing independence;
- Experience in conducting research using state-of-the-art methods as well as presenting and publishing research findings;
- Interactions with members of the scientific community at appropriate scientific meetings and workshops; and
- Knowledge and early development of the spectrum of modern scientific skills needed to succeed as an independent investigator.

The description of coursework should include the program's plan for monitoring, supporting, and evaluating the trainee's commitment to the course work.

Describe how time for research training (80% level of effort) will be protected and balanced with clinical and teaching responsibilities in the context of current work hour regulations.

Describe any career development components (whether research or clinical) that will be included in the training program.

While it is not required for this award program, indicate whether there is a possibility that the trainee would be able to earn a master's or doctoral level research degree as a result of the training and how this would be achieved.

c. Research Faculty Mentors

Describe each faculty mentor that is ready to train and guide the residency research trainee. Potential mentors should have strong records as researchers, including:

- recent original research publications in highly regarded journals;
- successful competition for research support from major funding agencies or organizations (e.g. National Institutes of Health) in their areas of research mentorship for the training program; and
- record of research training, including former trainees that have established productive urologic research careers.

Available mentors should include those with expertise and experience in disciplines typically understudied by surgeon-scientists (including but not limited to basic science, bio/tissue engineering, and bioinformatics). Include the diversity of research training opportunities that will be available to the trainee through the mentor group, as well as opportunities that are available in conducting highly translational and/or multidisciplinary research.

d. Research Resources

Describe the laboratories, equipment, core facilities, techniques, seminars, etc., whether internal or external to the department of urology, that will be available to the trainee.

4. Principal Investigator Statement (three-page limit)

The PI of the training program should be an individual with the skills, knowledge, and resources necessary to carry out the proposed research training program. The PI should be an established investigator and capable of providing both administrative and scientific leadership to the development and implementation of the program. The PI will be expected to monitor and assess the program and submit all documents and reports as required

Provide a Principal Investigator Statement that describes the PI's qualifications, credentials, and track records in the areas above. Importantly, the PI should describe why he or she has an interest in, and commitment to, leading this training program.

5. Principal Investigator Biosketch (five-page limit)

Include the PI's NIH-style biosketch. Current NIH biosketch guidelines can be found at <https://grants.nih.gov/grants/forms/biosketch.htm>.

6. Mentor Letters of Support (two-page limit each)

Each prospective mentor for the training program must provide a Mentor Letter of Support, which should describe the mentor's interest in and commitment to participating in the program and providing outstanding guidance and mentorship to the prospective Physician Scientist Residency Training Award

recipient. Mentor letters should include descriptions of ongoing urologic disease research and how projects in the mentor's lab would promote the development of the trainee.

7. Mentor Biosketches (five-page limit each)

Include each prospective mentor's NIH-style biosketch (five-page limit each). Current NIH biosketch guidelines can be found at <https://grants.nih.gov/grants/forms/biosketch.htm>.

8. Letter of Institutional Support

Provide a letter from the Urology Department Chair or other appropriate authority that assures the necessary financial and other support for this training program, provided the institution is selected as an approved Program Site.

9. Budget Information (no page limit)

Provide a listing and description of the direct and indirect costs that would be supported by the Urology Care Foundation award or by the institution during the entire 8-year training program (i.e., including both clinical and research years). This information should include the following elements:

- a. Resident salary costs (direct) and fringe benefits (indirect)
- b. Estimated/average costs for research supplies, equipment, and other items needed to conduct the research (understanding that exact costs cannot be known until the specific research training project is selected in Year 4)
- c. Costs for seminars and coursework (in general and in support of a research degree program, if available)
- d. Costs for travel to scientific meetings (including the AUA Annual Meeting in 2019 through 2027)
- e. Other costs as deemed necessary by the institution, department, or training program

Indicate which costs will be supported by the \$75,000 per year from the Urology Care Foundation during the research years of the resident trainee versus the costs that will be supported by the institution.

PLEASE NOTE: Urology Care Foundation funds MAY NOT be used to pay for indirect costs or salary for any personnel other than the Physician Scientist Residency Training Award recipient.

The complete application package must be submitted via email to grantsmanager@auanet.org by Tuesday, August 8, 2017 at 5:00 pm LOCAL TIME. Applicant institutions should allow ample time for composing, compiling, and submitting materials. Late submissions will not be considered.

D. CHECKLIST FOR APPLICANT INSTITUTIONS

To complete the application package, combine all documents **in the appropriate order into a single PDF file** prior to submission as described in the box above.

Completion of the checklist below will ensure that all required application components have been included.

Application Item	Completed?
Item 1: Application Agreement	
Item 2: Letter of Intent and Letter of Permission to Submit	
Item 3: Training Program Description (ten-page limit)	
Item 4: Principal Investigator Statement (three-page limit)	
Item 5: Principal Investigator Biosketch (five-page limit)	
Item 6: Mentor Letters of Support (two-page limit each)	
Item 7: Mentor Biosketches (five-page limit each)	
Item 8: Letter of Institutional Support	
Item 9: Budget Information	

III. APPLICATION REVIEW INFORMATION

A. APPLICATION REVIEW AND PROGRAM SITE SELECTION PROCESS

All applications for Urology Care Foundation awards are evaluated by peer review panels of expert physician-scientists and researchers. Each application is considered according to established criteria for determining merit as described below.

Following the completion of peer review and from the pool of applications deemed fundable, the most highly meritorious applications will be matched to the available funding. Determinations for funding are approved by the AUA Director of Research and AUA Chair of Research.

All review processes are conducted confidentially to maintain the integrity of the selection process. Panel members agree to a nondisclosure policy that application and evaluation information will not be disclosed outside the panel. Violations of confidentiality can result in the voiding of peer review results and other corrective actions. In addition, the applicant, mentor(s), and other individuals involved in or otherwise standing to benefit from the application's funding are prohibited from contacting persons involved in the review process to gain protected evaluation information or to influence the evaluation process. Violations of these prohibitions will result in the disqualification of the application.

B. PEER REVIEW CRITERIA

All Program Site applications will be evaluated against the following review criteria:

- **Institution(s) and Resources**
 - To what degree the participating institution(s) will provide a strong environment for both clinical and research training and assures appropriate institutional support.

- Whether the residency program and plan to incorporate the Physician Scientist Residency Trainee is appropriate to support participation in this award program.
- Whether the research resources available are appropriate to provide experience in conducting research using state-of-the-art methods and development of the spectrum of modern scientific skills needed to succeed as an independent investigator.
- **Principal Investigator**
 - To what degree the PI possesses the skills, knowledge, experience, and resources necessary to successfully carry out the proposed research training program.
 - To what degree the PI has expressed an appropriate level of commitment to the program.
- **Faculty Mentors**
 - To what degree the potential mentors possess robust track records of success in funding from major agencies or organizations (e.g., National Institutes of Health) that would support appropriate preparation of the trainee for similar success.
 - To what degree the potential mentors have established track records of previous trainees that have established successful careers as independently funded investigators.
 - To what degree the potential mentors have strong records of original research publications in highly regarded journals.
 - To what degree each mentor has expressed an appropriate level of commitment to the program and to the potential trainee and described potential projects in ongoing areas of research that would support the trainee's development as a future independently supported surgeon-scientist.
- **Training Program**
 - To what degree the program has demonstrated its ability to provide for an appropriate level of research engagement (e.g., seminars, opportunities for presentation, participation in scientific conferences) throughout both clinical and research training, while establishing the appropriate balance of clinical and teaching responsibilities against protected time for research during the research years.
 - To what degree the program incorporates a strong and appropriate curriculum of didactic training and appropriate plans to monitor, support, and evaluate the trainee's commitment to the required coursework.
 - To what degree the program incorporate appropriate career development components.
 - To what degree the program provides for exposure to and training in a diversity of scientific disciplines with emphasis on areas under-represented in the surgeon-scientist community.
 - Although not required, whether the program provides opportunities for the trainee to earn a master's or doctoral level research degree.
- **Budget**
 - Whether the budget appropriately provides for all costs necessary to adequately prepare the trainee for a career as an independent investigator.

C. PROGRAMMATIC REVIEW CRITERIA

Programmatic review to select approved Program Sites based on peer review evaluations and programmatic considerations will be conducted by the AUA Office of Research and, if necessary, members of the AUA Research Council with no institutional or other conflicts of interest with any Program Site applications.

D. TRAINEE SELECTION PROCESS

Institutions selected as approved Program Sites may be required to send representatives (the PI at minimum) to attend a one-day in-person interview process in Fall 2018 at the American Urological Association headquarters in Linthicum, Maryland, wherein top trainee candidates will meet and discuss the training opportunities available at each potential Program Site.

Additional details on the selection process for the Physician Scientist Residency Trainee(s) will be provided in the Program Announcement for Physician Scientist Residency Training Award: Physician Scientist Trainee. However, in general, trainees will be selected based on academic excellence and accomplishments, commitment to research and research accomplishments, productivity, initiative, and strength of personal and professional recommendations.

E. NOTIFICATION OF APPLICATION REVIEW RESULTS

Program Site applicant institutions and PIs will be notified of selection decisions in writing via email no later than October 31, 2017. Please note that results will not be provided by telephone.

IV. AWARD REQUIREMENTS

All Physician Scientist Residency Training Award program participants must adhere to the following requirements:

A. PUBLICATION ACKNOWLEDGEMENTS

Participants are required to submit copies of articles published based on Urology Care Foundation-funded research effort to the AUA Office of Research at grantsmanager@auanet.org. Any publication arising from work supported by the Physician Scientist Residency Training Award should include acknowledgment of the specific sponsor. Such acknowledgment should read:

“This work was supported in part by the Urology Care Foundation Physician Scientist Residency Training Award sponsored by the (name of sponsor, e.g., Dornier MedTech).”

B. UROLOGY CARE FOUNDATION RESEARCH-RELATED ACTIVITIES

Each year, the AUA and the Urology Care Foundation coordinate several events designed to advance urologic research and provide educational venues, especially for early-career investigators. Therefore, an institution serving as a Program Site for the Physician Scientist Residency Training Award must agree to

allow the resident trainee to attend all research-related activities required by the AUA Office of Research. These activities may include the following:

- At the AUA Annual Meeting: Urologic Oncology Research Symposium, Basic Sciences Symposium, Challenges for Urologic Research Symposium, Urology Care Foundation Research Honors Program and Reception, Funding Opportunities and Grant Writing Guidance for Early Career Investigators, Early Career Investigators Showcase, and Early Career Scientists Exchange
- At the AUA Headquarters building in Linthicum, Maryland, or an alternate location: Early Career Investigators Workshop, AUA/SBUR Summer Research Conference, and other scientific conferences and workshops.

Failure to attend an AUA research-related activity, if deemed required by the AUA Office of Research, may disqualify the awardee from receiving future award payments. Travel awards or other means of travel support are often available for these events. Descriptions of each event/activity are provided below:

To be required of the trainee every year (clinical and research) of the training program:

Urologic Oncology Research Symposium: Held each year at the AUA Annual Meeting, the intent of this symposium is to create synergies and foster collaboration in genitourinary oncology by bringing together scientists and clinicians at all career levels in a stimulating and interactive setting. The information discussed and shared during this meeting is expected to catalyze the translation of laboratory research to practical application. It is also intended to serve as a forum where early-career investigators can interact with leaders in a host of disciplines related to urologic cancers. If the topic is associated with the research being conducted by the awardee, he or she is required to attend the symposium.

Basic Sciences Symposium: Held each year at the AUA Annual Meeting, this symposium is a premier research event attracting basic scientists, surgeon-scientists, and other urology investigators from various specialties. Past program topics include stem cells and nanotechnology, inflammation and fibrosis, new perspectives in pelvic health, and aging and urologic manifestations. If the topic is associated with the research being conducted by the awardee, he or she is required to attend the symposium.

Challenges for Urologic Research Symposium: Held each year at the AUA Annual Meeting, this half-day symposium series features a scientific topic considered highly relevant, potentially challenging, and offering significant educational opportunity for urology researchers. Recent topics have included prostate cancer biomarkers, diabetes and urologic complications, and strategies for success in health services research.

Urology Care Foundation Research Honors Program and Reception: All Urology Care Foundation funded investigators are acknowledged at this program, which is held each year at the AUA Annual Meeting. Attending the program and presentation of a poster is required for all individuals receiving funding from the Urology Care Foundation.

Funding Opportunities and Grant Writing Guidance for Early Career Investigators: Each year at the AUA Annual Meeting, an educational course may be offered to assist researchers in identifying and understanding sources of funding and improving their grant writing skills. The course provides information on where to find grant opportunities, preparing an effective grant application, and peer review processes. Representatives from federal and provide funding organizations are typically in attendance to provide information on current opportunities. All investigators funded by the Urology Care Foundation are required to attend the session if it is offered.

Early Career Investigators Showcase: Held each year at the AUA Annual Meeting, this event provides a venue showcasing the research of promising early-career investigators. The program features presentations on innovative, relevant, and potentially impactful research studies that are of great interest to the basic and clinical research communities. A panel of judges scores the presentations and awards are

provided to the top three presenters. All investigators receiving funding from the Urology Care Foundation are required to attend this event.

Early Career Scientists Exchange: Held every other year at the AUA Annual Meeting, this event brings together Urology Care Foundation awardees with representatives from the AUA Office of Research and funding organizations in an informal setting to discuss research career challenges and strategies for success.

To be required of the trainee only during the research years of the training program:

Early-Career Investigators Workshop: The goal of this workshop is to motivate and support early-career researchers and surgeon-scientists by providing an outstanding program of mentoring, career development, and scientific perspectives presented by leaders in the field. The program agenda typically includes information and interaction with representatives from federal and private funding organizations, a mock scientific peer review panel/study section, and faculty presentations on research success and career development. Attendees preparing to submit grant applications for independent research or career development funding also participate in working sessions that provide 1-on-1 instruction from faculty advisors with concrete guidance for improving current or developing grant applications, as well as roundtable discussions with experts on federal funding opportunities.

AUA Summer Research Conference: The Summer Research Conference provides an intense and intimate forum for early-career investigators to meet research leaders, hear about emerging research concepts and methods, network with participants and speakers, learn about new methods and techniques, and receive mentoring and advice on research career activities. This conference is held on alternating years, typically in August or September, and changes in scientific themes and scientific topics. If the topic is associated with the research being conducted by the awardee, he or she is required to attend the conference.

C. REPORTING

PLEASE NOTE: Failure to adhere to reporting requirements and/or provide appropriate documentation may result in a delay in payments and/or termination of the award. Unless approved by the institution and the Urology Care Foundation, failure to complete the duration of the research period may result in repayment of funds to the Urology Care Foundation.

1. TRAINEE PROGRESS REPORTS

Trainees in the Physician Scientist Residency Training Award program must submit:

- Annual progress reports during their clinical training years and
- Biannual progress reports during their research training years.

Specific guidance on the format, content, and deadline dates of the reports will be provided by the AUA Office of Research prior to the first reporting period. Required information during the clinical training years is anticipated to include reporting of progress on clinical training and engagement with research. Required information during the research training years is anticipated to include reporting on progress in didactic training and research rotations, presentations at intramural, regional, or national meetings, progress on applications submitted for other funding, progress on the research project, and manuscripts in preparation or submitted for publication.

2. PRINCIPAL INVESTIGATOR REPORTS

Under separate cover, PIs of Physician Scientist Residency Training Awards must submit brief, confidential annual reports to the AUA Office of Research detailing progress of the trainee and information on the success and challenges of the training program as a whole. Specific guidance on the format, content, and deadline dates of the reports will be provided by the Office of Research prior to the first reporting period.

Should a site visit be requested by either the institution or the AUA Office of Research, the institution will be required to accommodate the visit, with costs to be covered by the Office of Research.

3. PRIMARY MENTOR REPORTS

Under separate cover, primary mentors of Physician Scientist Residency Trainees must submit brief, confidential annual reports to the AUA Office of Research detailing the research progress of the trainee, his or her career development, and information on the success and challenges of the research training overall. Specific guidance on the format, content, and deadline dates of the reports will be provided by the Office of Research prior to the first reporting period.

4. INSTITUTIONAL ACCOUNTABILITY REPORTS

Institutional Accountability Reporting will be required annually to document expenditure of institutional or Urology Care Foundation funds in support of the Physician Scientist Residency Training Award. Institutional Accountability Report forms will be provided by the AUA Office of Research, completed by the institutional Grant Administrator, and included in the reports due at the end of each complete year of residency training (both clinical and research years). These reports affirm that the institution is adhering to all terms of the Notice of Award with particular attention to provisions regarding institutional support, use of Urology Care Foundation funds, and level of effort requirements.

5. POST-AWARD REPORTING

At intervals of two, five, and ten years following the completion of the entire residency program, the AUA Office of Research will contact previous host institutions, mentors, and awardees to collect additional award outcomes information and other awardee information including, but not limited to, publications, funding, invited speakerships and presentations, mentorship, and leadership positions within the AUA or affiliated organizations. The Urology Care Foundation and the AUA Office of Research request that all past awardees provide updated contact information when appropriate and be responsive to requests for post-award information.

6. OTHER REQUIREMENTS

If activities involving human subjects are planned during the research project, the resident trainee must provide a letter of approval from the local Institutional Review Board (IRB) prior to beginning the activities involving human subjects.

If activities involving vertebrate animals are planned during the research project, the resident trainee must submit a letter of approval by the Institutional Animal Care and Use Committee (IACUC) prior to beginning the activities involving animals.

D. CHANGES TO PROJECT, PERSONNEL, INSTITUTION, OR FUNDING

Any significant changes that occur in the institutional or trainee components of the Physician Scientist Residency Training Award after selection or at any time during the award period must be reported in a timely manner to the AUA Office of Research for review.

In the case that a trainee participant withdraws from the program for any reason at any time during the first two clinical training years or during the research training years, the residency program may be permitted, at the sole and final discretion of the AUA Office of Research, to transfer the award to another resident within the same residency program or an alternate course of action will be determined by the Office of Research in consultation with the Program Site.

If the trainee or residency program is selected for any additional funding that may be considered to potentially overlap with Urology Care Foundation funding, the Program Site and/or trainee must contact the AUA Office of Research to discuss appropriate courses of action.

Failure to provide timely reporting of any significant changes to any components of the Physician Scientist Residency Training Award including funding may result in delay of payments, termination of the award, and/or withdrawal of institutional eligibility for any subsequent Urology Care Foundation support.

V. CONTACT INFORMATION

Questions related to this Program Announcement and application content or submission requirements as well as questions related to the submission of the Letter of Intent should be directed to the AUA Research Grants Project Manager, Dr. Krystal Brinson. The preferred method of communication is email to grantsmanager@auanet.org. Phone calls, when necessary, can be directed to 410-689-3762. Assistance is typically available Monday through Friday from 8:00 a.m. to 5:00 p.m. Eastern time. Response times may vary depending upon the volume of inquiries.