PennState Harrisburg

Office of Research and Outreach

Faculty Guide to Research Seed Funding Programs at Penn State

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Disclaimer: *This document is based on information gleaned from secondary sources and any errors or omissions should be sent to Alicia Wondoloski and corrections will be made.*

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Huck Institutes of the Life Sciences

Title	Brief Summary	Requirement Preferences	Funding Level	Most Current Due Date
2020 IMPACT Seed Grant Program	• To support interdisciplinary research, curricular development or educational activities in the broad area of industrial biotechnology, including biopharmaceutical manufacturing, food biotechnology, and production of bio-based chemicals.	• May be submitted by any full-time Penn State faculty member (as defined in Penn State Academic Policy AC21 or staff as the Principal Investigator (PI). New investigators will be given preference	• Up to $25K	2/7/2020
Huck Innovative & Transformational Seed (HITS) Fund	• To support truly innovative and transformational research within the life sciences arena at Penn State.	• Proposals can be in any area of life sciences — including genomics, infectious disease, plant sciences, neuroscience, metabolomics, food and health, and biomedical research — or at the intersection of life sciences and other strengths at the University, notably materials science, computational and data science, social science, and environmental science.	• There is no upper limit to what you may request in funding.	4/15/2020 11/15/2020
New Faculty Consortia to Tackle Health Challenges: Call for Initial Statements of Interest	• To establish consortia of Penn State faculty members with complementary expertise to take on defined health challenges.	N/A	• Up to $200k/yr for three years to consortium-building meetings and seed grants	3/31/2020

Materials Research Institute

Title	Brief Summary	Requirement Preferences	Funding Level	Most Current Due Date
Convergence of Materials and Life Sciences – NIH and Imaging Focused Seed Grants 2018-2019	• Develop high risk, high impact, transformative ideas that will enable Penn State faculty to obtain preliminary data that can be used to pursue NIH grants with the various NIH institutes in specific areas (see link for list)	• Faculty at any PSU location eligible to be PI • Multiple co-PIs (2 or more) will be required from different departments – preferably different colleges. The teams will have to clearly demonstrate both their materials and life sciences expertise and ability to attract NIH funding. Mentoring opportunities of junior faculty will be considered favorably.	• $20K - $50K	2/9/18
Materials for Enhancing Energy and Environmental Stewardship	• Challenges the Penn State research community to address specific themes • To embrace and support high risk concepts and engage our faculty in new directions.	• N/A	• Up to $15K for a single investigator project • Up to $25K for two or more faculty from same college or commonwealth campus • Up to $40K for multi-college and multi campus collaborative grants	2/22/19

Social Science Research Institute

Title	Brief Summary	Requirement Preferences	Funding Level	Most Current Due Date
Commonwealth Campuses Research Collaboration Development Program –	Phase 1- • Types of support: Equipment use time and facility staff time Consumables, if necessary Travel expenses to and from campuses and Interdisciplinary Institutes. Phase 2- • Tenure-track and tenured faculty members at Commonwealth campuses are eligible to apply. The UP mentor should be a tenured or tenure-track faculty member in the social/behavioral sciences with a record of external funding. •	Phase 1- • For SSRI, faculty should suggest potential UP mentors. Phase 2- • Eligible to any full-time faculty member • Must involve faculty collaboration among multiple disciplines and ideally, multiple units • Preferred: matching funds	Phase 1- • Up to $10k, 1 yr Phase 2- • Up to $10K	11/30/19 (Phase 1) 3/16/20 (Phase 2)
Consortium to Combat Substance Abuse: Community Fellows Program	• Provides support for faculty seeking to develop university-community collaborations that address harmful substance use, misuse, and addiction, and its spillover effects to families and communities.	N/A	• Fellowships will provide funding for full-time faculty members for up to two course releases (or the equivalent time for non-teaching faculty) across one or two academic years (up to $7,500 per course release for a total of $15,000). Fellows are also eligible to apply for Community Collaboration funds (up to $5,000 for community activities, described below).	12/2/19

Title	Brief Summary	Requirement Preferences	Funding Level	Most Current Due Date
Consortium to Combat Substance Abuse Strategic Hires	• To build Penn State's distinctive strengths in Pathways to Addiction, Criminal Justice, and Spillover Effects on Children, Families, and Communities and in our resources in Community Engagement, Dissemination and Implementation Science, and Impact Analysis	• Currently active searches in following depts: • Biobehavioral Health • Engineering • Geography • Human Development & Family Studies • Nursing • Neural and Behavioral Sciences	N/A	Ongoing
Frances Keesler Graham Early Career Professorship	• Provides supplemental funding to social and behavioral science faculty members (at UP & College of Med within 10 years of having completed PhD) at Penn State who are working in the interdisciplinary field of developmental neuroscience	• Tenure track Penn State faculty members in the social and behavioral sciences at University Park and the College of Medicine who are within 10 years of having completed the Ph.D. at the start of the award period.	• $20K per year x 3 yrs	8/16/19
GIA Pilot Hours for Social Science Research	• Provides Geographic Information Analysis services to social science researchers • For needs exceeding 10 hours of support	N/A	N/A	N/a
SSRI Co-Funding of Faculty	• To stimulate interdisciplinary research in targeted areas of strength at Penn State through co-funding of faculty hires.	• Co-funded faculty members may be junior or senior faculty members; all have demonstrated research expertise in strategic areas identified by SSRI.	• Up to $3000 to departments to assist in recruitment efforts commitment to paying up to 50 percent of the start-up costs as well as up to 50 percent of the salary (renewable after a successful SSRI review every five years)	Call for Proposals will be sent

Title	• Brief Summary	• Requirement Preferences	• Funding Level	Most Current Due Date
SSRI Faculty Fellows Program	• To develop new interdisciplinary collaborations aimed at building a novel line of sustainable research through securing external funding.	• Penn State faculty members and established research scientists in the social and behavioral sciences at UP and the College of Medicine at all career levels are eligible. • Priority will be given to proposals that are congruent with the SSRI's interdisciplinary mission and its strategic foci.	• Mentored Fellowships provide funding for a faculty member for up to two course releases during an academic year (up to $7,500 per course or the equivalent for those who do not have resident instruction responsibilities) for study and training in new research areas with the guidance and support of a mentor or mentor team. The mentor & team will also receive up to $1,000 in summer supplement. • Collaborative Fellowships provide funding for a new team of faculty members for up to three course releases (up to $7,500 per course, and no more than one release per faculty member on the team).	10/11/19
SSRI Level 1 Funding	• Primarily designed to assist PSU social science faculty at University Park and the College of Medicine to form interdisciplinary research teams directed at pursuing external funding by supporting meetings to discuss mutual interests, develop research questions, identify leaders, conduct literature reviews, and collect pilot data.	• Priority is placed on new ideas that involve cross-department and/or cross-college (interdisciplinary) collaboration	• $500-$5k	Ongoing
Title	• Brief Summary	• Requirement Preferences	• Funding Level	Most Current Due Date

SSRI Level 1 RDC Funding	• To Penn State faculty who are developing external grant proposals for research that will be conducted in Penn State's Census Research Data Center (RDC)	• Priority is placed on new ideas that will make creative use of data available in Penn State's RDC and that will result in external funding	• $500-$10k	Ongoing
SSRI Level 2 Funding	• To increase the quantity and quality of interdisciplinary research by Penn State faculty members.	• PSU social science faculty at University Park and the College of Medicine • Priority is placed on new ideas for projects that involve cross-department and/or cross-college (interdisciplinary) connections among Penn State faculty	• $5k-$20k	Ongoing
SSRI Autism Spectrum Disorder RFA	• Pilot research projects aimed at furthering our understanding and treatment of autism spectrum disorder (ASD)	• All Penn State faculty members (tenured, tenure track, fixed term, and clinicians) who hold an appointment at any Penn State location are eligible to submit a seed grant proposal as a Principal Investigator (PI) of an interdisciplinary research team.	Level 1- • $500-$5k Level 2- • $5K-$25K	Ongoing (Level 1) 8/1/19 (Level 2- LOIs) 9/15/19 (Level 2- Preproposal)
SSRI Biological Sex/Gender RFA	• aimed at supporting the formation of new interdisciplinary teams and the development of external grant proposals to study significant issues in the areas of biological sex/gender, broadly defined. • primarily designed to assist PSU social science faculty at University Park and the College of Medicine to advance their research by securing extramural funding	• PSU social science faculty at University Park and the College of Medicine to advance their research by securing extramural funding. Although research teams can include students, post docs, faculty from other institutions and other external collaborators	Level 1- • $500-$5K, 6-12 mos period Level 2- • $5k-$20K, 12-24 mos period • Salary replacement cost of $7,500 (replacement costs for one course buyout in consultation with the department head in the semester of proposal writing/submission)	10/14/19 (Preproposal) 12/13/19 (full proposal if invited)
Population Research Institute Seed Funding	• Interdisciplinary, innovative, likely to have special scientific impact, and related to signature themes.	• All Penn State PRI faculty Associates and Affiliates are invited to apply. • May include course buyout for lead investigator at flat rate of $7,500, which has been negotiated with PRI-affiliated academic departments	• Up to $10,000	N/A

Clinical and Translational Science Institute

Title	Brief Summary	Requirement Preferences	Funding Level	Most Current Due Date
Bridges to Translation	• Pilot projects that build connections across health, biomedical sciences and disciplines that contribute to improved health including engineering and architecture.	• PI must hold faculty appt- any campus/college • Special consideration will be given to projects that focus on development or applications addressing social and environmental determinants of health, specifically as these relate to rural and other vulnerable populations who experience health disparities.	• Up to $50K	9/25/19 2/3/20 (if invited)
Pathway to Partnerships (P3) Program – Stage 1	• To stimulate new collaborations and to help broaden existing collaborations in ways that take research in new directions to promote the continuum of translational research. • Stage 1 targets team building through new collaborations.	• Each team must have at least three research members; at least one member must have a primary academic appointment in the College of Medicine and serve as the corresponding PI.	• Up to $5K	Rolling Deadline Proposals should be received on the first of each month for review.
Pathway to Partnerships (P3) Program – Stage 2	• To stimulate new collaborations and to help broaden existing collaborations in ways that take research in new directions to promote the continuum of translational research. • Stage 2 targets the discovery phase of research for new teams.	• Eligible teams must have at least three Penn State faculty members with primary appointments in at least two different departments. • One team member must have a primary academic appointment in the College of Medicine at the rank of assistant professor, associate professor or professor, and serve as the corresponding Principal Investigator. • Cross-college collaborations are strongly encouraged. A portion of the budget dedicated to salaries and research expenditures in other colleges, schools and campuses must be supported by the respective college, school, campus or department.	• Up to $150K direct costs, per team, $50,000 direct costs per project. Cores will not be supported.	Proposals are now invited for Stage 2 of the P3 program.

Four Diamonds Fund

Title	Brief Summary	Requirement Preferences	Funding Level	Most Current Due Date
2020-2021 Four Diamonds Faculty Research Grants	• To improve treatment and lead to increased cure rates for pediatric cancer	• PI cannot be a Four Diamonds Endowed Investigator or be currently supported by a Four Diamonds endowed laboratory.	• Up to $40,000	1/29/20
2020-2021 Four Diamonds Pilot Projects in Collaborative Pediatric Cancer Research Grant	• A scientific collaboration with a cancer researcher in the Department of Pediatrics to pursue pilot projects in important and promising areas of pediatric cancer research.	• PI must have his or her primary academic appointment at Penn State at the rank of Assistant Professor, Associate Professor, or Professor. • PI cannot be a Four Diamonds Endowed Investigator or receive other support from Four Diamonds • Must include as a Collaborator one of the investigators listed in link	N/A	1/29/20
2020-2021 Four Diamonds Trainee Research Grants	• Expected to contribute to the diagnosis, treatment, or cure of pediatric cancer.	• PI cannot be currently supported by a Four Diamonds endowed laboratory.	• Up to $20,000	1/29/20

College of Medicine

Title	Brief Summary	Requirement Preferences	Funding Level	Most Current Due Date
SPARC - Stimulating Partnerships Among Researchers and Clinicians - Clinical Research Exchange Fellowship	• Exchange Fellowship to stimulate partnerships among faculty clinicians and non-clinician faculty researchers and engineers, bridging interests, resources and expertise to unite patient care with other scholarly disciplines.	• Clinicians can be any practicing health professional in Penn State Health or the College of Nursing at any site, with a Penn State faculty appointment. Researchers can be anyone with a full-time faculty appointment in any Penn State college and on any campus. • Matching funds for salary support (1:1), from each partner's home unit (college, school, institute, department or division) are required for Level 1 and 2 Funding*. Applicants are very strongly encouraged to seek support from the Department Chair, and/or other individual with supervisory responsibility for the applicant, with regard to providing the match and approving the associated leave from teaching or clinical responsibilities during the initial 6-month period. There are no restrictions to using sabbatical leave congruent with the timing of Level 1 or Level 2 funding.	• 6-month period, up to $7,500 per partner for teaching or clinical buyout (minimum 5% effort-maximum 10% effort) – additional funds $40-$100K available for collabs yielding projects on trajectory to attract external funding	1/27/2020

Misc.				
Title	Brief Summary	Requirement Preferences	Funding Level	Most Current Due Date
2020 Penn State Biodevices Seed Grant Program	• To support genuine collaborations among engineers, scientists, and clinicians. focus on biodevices to improve human and animal health such as implantable, surgical, and wearable devices, as well as environmental sampling and monitoring devices.	• Each application must have at least 2 Penn State faculty members at the rank of Assistant Professor, Associate Professor, or Professor and their primary appointments must include at least two different colleges or campuses. • Proposed research should be performed at one or more Penn State campuses. • Investigators currently serving as a PI or Co-PI of an active Grace Woodward Grant are not eligible • For projects supported by CURE funds: The total cost of out-of-state personnel, subcontractors, and consultants must not exceed 2% of the total grant costs to comply with requirements of the PA Dept of Health (PA-DOH). • For projects supported by CURE funds: All team members required to contribute to the CURE reports and the corresponding pi of the award must agree and will be ultimately responsible for all CURE reporting to comply with requirements of the PA-DOH.	• Up to $80,000 direct costs	3/26/2020

College of Engineering

Title	Brief Summary	Requirement Preferences	Funding Level	Most Current Due Date
Research Opportunities for mid-Career Knowledge EnhancemenT (ROCKET) Seed Grant Program	• To provide preliminary results and establish credibility in a new research area that will attract high-impact research funding from the state and federal government, industry, or foundations. •	• Supports mid-career faculty who want to explore a new area of research and/or jumpstart their research activity. •	Up to $60K	10/21/19
ENGineering for Innovation and ENtrepreneurship (ENGINE) Grants	• To provide financial support to transition early-stage research results through a proof-of-concept phase, with the ultimate objective of forming a start-up company or licensing the technology to an established business.	• Projects must involve at least one CoE tenure-line faculty member. • Funding will not be provided for basic research nor to an existing company	N/A	*This grant will not be offered for the 2020 award cycle.*
Grace Woodward Collaborative Research in Engineering and Medicine grants	• To support projects that create or capitalize upon opportunities for new applications of engineering to problems in the life sciences and medicine.	Must include: • Two substantially invested PIs: 1 primary academic appt from CoM and one primary academic appt and tenure in CoE at UP- additional investigators from these and other campuses are eligible to be co-investigators	• Up to $50K	N/A
The College of Engineering's Multidisciplinary Research Seed Grant program	• Supports research that will increase the competitiveness of faculty in attracting high-impact multidisciplinary and center-level research funding from the state and federal government, industry, or foundations	Provides support for: • Two or more faculty members with complementary technical expertise to demonstrate a meaningful collaboration by collecting preliminary data for future proposal submissions • One or more faculty members to partner with an industrial researcher to conduct early-stage industry relevant research that has the strong potential for direct funding from the company or for joint proposals to other agencies	• Up to $60K	11/15/19

College of Agricultural Sciences

Title	Brief Summary	Requirement Preferences	Funding Level	Most Current Due Date
RAIN Grants Program	• To create and advance Intellectual Property (IP) from the College of Agricultural Sciences towards commercial applications	• Does not support basic research or research and development for industry licensees that are already lined up. • For researchers within the College of Agricultural Sciences who are prepared to take the next steps in transitioning technologies generated through their research to commercialization.	• Up to $75K	2/14/20-Concept Note 3/27/20- Full Proposal
The Strategic Networks and Initiatives Program (SNIP)	• Support for faculty-driven, interdisciplinary initiatives at the vanguard of agricultural and natural resources research. • 3 Levels 1. For the initial development of an innovative research question and the formation of an interdisciplinary collaborative team required to address it 2. For strategic research initiatives that are competitive for large-scale extramural grants 3. Support to established interdisciplinary research initiatives by sponsoring cohorts of Ph.D. Students recruited to conduct interconnected and innovative research. This program is intended to build interactive graduate student-faculty teams that will pursue extramural funding.	N/A	• Level 1- up to $10K, 1 yr. • Level 2- up to $50K, 2 yrs. • Level 3- N/A	8/30/19- Concept Note 9/20/19- Full Proposal

Title	Brief Summary	Requirement Preferences	Funding Level	Most Current Due Date
Mushroom Research Competitive Grants Program	• Support for mushroom research	• Funds may be used to support undergraduate and graduate students, postdoctoral scholars, technicians, expendable supplies, necessary equipment, and infrastructure improvement (i.e., laboratory or chamber enhancement).	• $5K - $25K	4/15/19
Crouch Endowment for Viticulture, Enology, and Pomology Research	• Support for research in Viticulture, Enology, or Pomology and to support students studying in these areas.	• Proposals that focus on research projects that impact the Pennsylvania wine industry will have the highest priority. • Full-time graduate student support is highly encouraged, but funds can also be used to support undergraduate students, expendable supplies, or small equipment.	• $60K for two fiscal years	2/15/19
Joan Luerssen Faculty Enhancement Fund and the Horace T. Woodward Faculty Development Fund	• To provide supplementary funds to support professional development and programs.	• Full-time faculty members, in the initial phase of their academic career, within the College of Agricultural Sciences who hold the rank of Assistant Professor.	• $3K	5/13/19
Arthur W. Nesbitt Faculty Program Development Award	• To support a College of Agricultural Sciences faculty member focusing on dairy in their teaching or extension programs, with the intent that the investment will help the awardee leverage future funding opportunities in any or all of these functional areas, for Animal Science or Food Science.	• One faculty member focusing on dairy per academic department, for Animal Science or Food Science.	• $13,500	5/13/19
Jeanne and Charles Rider Endowment for Support of Research on the Biotechnology of Food Crops	• To support College of Agricultural Sciences faculty in their biotechnology research and teaching programs that give promise of improving upon food crop production and quality while protecting the quality and safety of the environment.	• Submissions from teams of investigators/instructors are welcome, but a faculty member is limited to one submission, either solo or as a team member.	• $5,500	5/13/19

Title	Brief Summary	Requirement Preferences	Funding Level	Most Current Due Date
Stoy G. and Della E. Sunday Program Support for Fruit Production Research	• To enrich the College of Agricultural Sciences by providing monies for fruit production research.	• Full-time faculty members who have efforts in fruit production research and support.	• $5,500	5/13/19
Animal Health and Disease Research	• To improve the health of domestic livestock, poultry, aquatic animals and other income-producing animals and to facilitate the effective prevention of diseases in both domesticated and wild animals • To minimize transportation and handling losses; monitor the suitability of animals and animal products to human use; protect public health through control of animal diseases transmissible to humans and improve methods of controlling the birth of predators.	• All College of Agricultural Sciences' faculty (tenure-track or tenured and non-tenure track faculty with prior approval) are eligible to apply – PI must hold a minimum rank of assistant professor	• Up to $40K per year for up to 2 yrs	6/24/19
McIntire-Stennis Forestry Research	• To support forestry-related research	• All College of Agricultural Sciences' faculty (tenure-track or tenured and non-tenure track faculty with prior approval) are eligible to apply – PI must hold a minimum rank of assistant professor	• Up to $100K per year for up to 2 yrs	6/24/19
Small Equipment Grants	• To sponsor co-funded equipment purchases this fiscal year to support research efforts	• Co-funding of 1:1 is required • Impact on multiple faculty is required; tangible evidence that more than a single individual will use this equipment for research (including graduate education aspects) is mandatory	N/A	4/13 *no year listed

College of Earth and Mineral Sciences

Title	Brief Summary	Requirement Preferences	Funding Level	Most Current Due Date
Matthew J. Wilson, Jr. Travel Grant	• Funds may be used to develop new research initiatives, to disseminate research in key venues, and to represent the department/college/university at meetings of important professional organizations.	• Special emphasis is given to travel that may launch "high risk, high reward" new research or scholarly activity.	N/A	Ongoing
George H. Deike, Jr. Research grant	• To promote innovative research of high scholarly merit	• Members of the college faculty, as defined by the College of Earth and Mineral Sciences' Constitution, are eligible. • Each department and institute may submit one nomination (submitted by the department head or director).	• $50K	2/15 (no year listed)
E. Willard & Ruby S. Miller Faculty Fellowship	• To support faculty of exceptional creativity, who propose highly innovative approaches to major contemporary challenges in the earth, energy, and material sciences.	• The funds are to be used primarily for graduate student support. • Each department and institute may submit one nomination (submitted by the department head or director).	• $50K	2/15 (no year listed)
Gladys Snyder Junior Faculty Grants	• To young faculty for the development of new courses or the improvement of current offerings; for travel to professional meetings special course and seminars; to broaden the studies of junior faculty members; and/or to recognize significant contributions of faculty in their first five years in research efforts.	N/A	N/A	12/2020
Wilson Research Initiation Grant	• To jump start the research of a new tenure-line faculty member.	• Must be a new tenure track faculty member, with a service accumulation of two calendar years or less by the application date of the current year. Preference will be given to proposals from assistant professors.	• $10K	2/15 (no year listed)

Title	Brief Summary	Requirement Preferences	Funding Level	Most Current Due Date
John T. Ryan Faculty Fellowship	• To assist faculty in continuing and furthering their contributions in teaching, research, and public service.	• EMS full-time, tenure-line faculty. • Each department and institute may submit one nomination (submitted by the department head or director).	N/A	N/A

Institutes of Energy and the Environment

Title	Brief Summary	Requirement Preferences	Funding Level	Most Current Due Date
IEE Seed Grant Program	• Foster basic and applied research on strategic interdisciplinary topics that leverage faculty expertise across the University • Develop new interdisciplinary research teams and position them for substantial external funding success. • Pursue novel research in IEE's theme areas, especially high-risk proof of concept projects; and • Promote research development and mentorship between junior and senior faculty.	• All Penn State faculty members (tenured, tenure track, and fixed term) who hold an appointment of half-time or more at any Penn State campus are eligible to submit a seed grant proposal as a Principal Investigator (PI). • Subcontracts to entities outside of Penn State are not allowed.	• $30k for multi-college (UP) and multi campus (btw campuses) collab grants • $15k for two of more faculty with diff disciplinary expertise housed within same college (UP) or at single CC • $5k for a single investigator project	12/4/19
Materials for Enhancing Energy and Environmental Stewardship	• Challenges the Penn State research community to address specified themes	N/A	• Up to $15k for single investigator project • Up to $25k for two or more faculty from same campus • Up to $40k for multi-campus collaborative grants	2/22/19
2020 Penn State-PUCP-UNI Strategic Research Initiative	• To start a collaborative research effort (PSU+PUCP+UNI) that has the potential to accelerate into a longer-term (i.e., 5+ years) research program .	• A tripartite program with faculty from all three universities. • Penn State must have minimum involvement of two colleges or campuses.	• $50K	2/28/20

Title	Brief Summary	Requirement Preferences	Funding Level	Most Current Due Date
2018-2020 Human Health & the Environment Seed Grant Program	• Pilot research projects exhibiting innovative approaches to significant problems related to human health and the environment.	• All Penn State faculty members (tenured, tenure track, fixed term, and clinicians) who hold an appointment of half-time or more at any Penn State location are eligible to submit a seed grant proposal as a Principal Investigator (PI) of an interdisciplinary research team. • Proposals must meet the priorities/missions of the sponsoring Institutes and/or College of Medicine. In addition, proposals must encompass at least two dimensions of the environment, including biological, social, built, physical, and/or natural.	• $25,000-$50,000	2/15/18- Pre-Proposal Due 4/13/18- Full Proposals Due (If Requested)

Institute for Computational and Data Sciences

Title	Brief Summary	Requirement Preferences	Funding Level	Most Current Due Date
ICDS 2020 Seed Grant	• To advance computation-enabled and data-enabled research by Penn State faculty.	• Projects can originate from tenured, tenure-track, or research faculty; however, either the PI or Co-PI must be a tenured or tenure-track faculty. • Recipients (either PI or Co-PI) of the last year's ICS 2019-2020 Seed Grant are not eligible for funding under this solicitation. • Students and postdocs cannot serve as PIs or Co-PIs.	• Up to $10,000 for awards to a single researcher • Up to $25,000 for awards that bring together two faculty members who engage in an interdisciplinary project. • Up to $35,000 for awards whose PI is an ICDS Co-Hire or Associate faculty.	2/3/2020

Center for Security Research and Education

Title	Brief Summary	Requirement Preferences	Funding Level	Most Current Due Date
The Center for Security Research and Education (CSRE) Grant Program	• To support interdisciplinary research, curricular development, or educational activities addressing the broad range of security challenges confronting society. • 5 types: 1) Impact- multiple faculty together to pursue external funding 2) Homeland Security- multiple faculty working to pursue external funding in target topics 3) Open Topic 4) Education- are designed to support interdisciplinary security-related curricular or educational program development 5) Director's- to support interdisciplinary security-related public programs and may be submitted on a rolling basis throughout the year	• CSRE grant applications may be submitted by any full-time Penn State faculty member (as defined in Penn State Academic Policy AC21 found at https://policy.psu.edu/policies/ac21).	• 5 types: 1. up to $50K, 2. up to $50K 3. up to $15K 4. up to $2,500 5. up to $1,000	2/14/20- Types 1, 2, 3, 4 Rolling basis- Type 5

Sustainability Institute

Title	Brief Summary	Requirement Preferences	Funding Level	Most Current Due Date
Penn State Sustainability Living Lab Projects	• For use of Penn State campuses, facilities, and power purchase agreements in courses, research, and outreach activities.	• Current Available: Lightsource BP 70 MW Solar Array in Franklin County – Mont Alto)	N/A	6/30/2020
SHAPE Projects	• For projects that bring the arts and/or humanities together with the sciences and/or Penn State operations to advance campus climate change mitigation.	• Project membership must be interdisciplinary and include faculty, staff or students from a) the arts and/or humanities AND b) the sciences, engineering, or policy, c) operations, and/or d) community partners. To advance the University as living lab and create a culture of sustainability and climate action, collaboration with non-academic units is highly encouraged. • Projects must advance emissions reduction through in situ technical solutions, policy relevance, outreach or community engagement, or curricular innovation. • Project leaders must be faculty or staff from Penn State University. Undergraduate or graduate students may be co-PIs but must have a faculty or staff leader to handle budgets.	• Funding proposals up to $6,250 preferred, although proposals up to $10K will be accepted.	1/31/2020

College of Information Sciences and Technology

Title	Brief Summary	Requirement Preferences	Funding Level	Most Current Due Date
2020 - 2021 College of Information Sciences and Technology Seed Grant Program	• To support research activities to generate preliminary results that will eventually lead to bigger externally funded projects involving increased external funding.	• External collab preferred. • Funding match collab preferred. • Linkage to university/college strategic plan prioritized. • Future field/broad impacts prioritized • must support undergraduate, M.S., and Ph.D. students through research assistantships including tuition, stipend, and benefits and/or hourly support.	N/A	12/23/19

Misc.				
Title	Brief Summary	Requirement Preferences	Funding Level	Most Current Due Date
University of Auckland – Penn State University 2020 Collaboration Seed Fund	• To foster collaborative, sustainable, self-supporting research and education/teaching programs.	• Applications are open to all Auckland academics. • Applications are open to all Penn State full time faculty. • Each proposal requires a minimum of one academic from both Penn State and the University of Auckland.	• Up to $12,968 ($20,000 NZD) unless more than the compulsory 25% total award cost share from the applicants' home units is secured.	3/15/2020