KEAN

AY 23-24 Released Time for Research

APPLICATION INFORMATION

Applications for RTR for AY 23-24 will open via **Interfolio** on Wednesday, December 21.
Please email interfolio@kean.edu if you do not see an active RTR Application in your Case Packet list.

Materials Required in the RTR Application for AY 23-24 include:

1. Updated Curriculum Vitae
2. RTR Application Form
3. RTR Verification Form

The AY 23-24 RTR Application Form Includes the Following Fields:

1. Name, Academic Rank, Department

2. **Title** of Project

3. Brief **Description** of Project: This should be a concise statement of the proposal goal, with clearly stated objectives and expected outcomes for the project. If you received research release for AY 22-23 please provide a statement on research activities undertaken to date and explain how your research plan will be updated based on demonstrated progress. *(1-page maximum)*

Questions 4-7 only apply to applicants with current RTR projects (AY 22-23):

4. *Please indicate status on the following:*

	In Progress	Scheduled	Complete
Data Collection			
Data Analysis			
Draft Manuscripts			
Conference Presentations			
Submission of Publications/Scholarly/Creative Work			

5. *For non-traditional scholarship (i.e. works of art, including performing, visual, or literary arts), please explain the status of your creative work separately from the chart above.*

6. *If you indicated "in progress" or "scheduled" for any of the items above, please indicate a projected completion date.*

7. *Challenges (if applicable) - Are there are any issues that have impacted the development and implementation of your project to date? Please detail the impact these challenges may have on the achievement of anticipated results and how you plan to address them before the end of the current award cycle (June 30, 2023).*

8. Provide a **timeline** for the AY 23-24 proposed project: Discuss what you plan to achieve with released time during AY 23-24 and how this work fits within the larger context of your research. *(200-word maximum)*

9. Describe the procedures and **methods** you will use: Provide a statement demonstrating that you are conversant in the research methods and that you have the skills and resources necessary to achieve the anticipated research outcomes. *(200-word maximum)*

10. To what journal, publisher, performance venue, or gallery will the completed project be submitted? Please describe how publication/inclusion in this venue is a mark of distinction.

11. If this is a portion of a larger project, please describe what you intend to complete during the released time (e.g., two book chapters).

12. If this is a collaborative project, list any collaborators who may be involved, identify the role of each, and outline what your unique contribution will be.

13. Does your research involve the use of human subjects? If yes, indicate IRB application status (in progress, pending review, approved).

14. Identify the category of scholarship (Discovery, Scholarship of Teaching & Learning, Integration, Application, Engagement, Aesthetic Creation, Other)

15. Identify NSF HERD R&D Type & Fields – drop down menus *(see NSF HERD Guide Below)*

The RTR Verification Form Includes the Following Fields:

1. Confirm the following - I understand that if awarded RTR, I must*:*
    a. Submit a final progress report through Interfolio at the end of the academic year, no later than June 30
    b. Provide, upon request, information necessary for Carnegie R2 consideration and for reporting on University efforts on implementation of OER.
    c. Create a full faculty biography for inclusion on kean.edu
    d. Participate in Kean Research Days, presenting the work completed to date.
    e. Continue to work with University curricular and pedagogical initiatives including robust use of the Learning Management System [LMS] and adoption of Open Educational Resources [OER] where possible.

2. I understand that I will not be permitted to receive an overload teaching assignment during a period of research release time whether from internal or external sources.

NSF HERD R&D Definition:

R&D is a creative and systematic work undertaken in order to increase the stock of knowledge - including knowledge of humankind, culture, and society - and to devise new applications of available knowledge. R&D covers three activities defined below:

- **Basic research:** Experimental or theoretical work undertaken primarily to acquire new knowledge of the underlying foundations of phenomena and observable facts, without any particular application or use in view.
- **Applied research:** Original investigation undertaken in order to acquire new knowledge. It is directed primarily towards a specific, practical aim or objective.
- **Experimental development:** Systematic work, drawing on knowledge gained from research and practical experience and producing additional knowledge, which is directed to producing new products or processes or to improving existing products or processes.

HERD Disciplines:

A. Computer and Information Sciences

Artificial intelligence
Computer and information technology administration and management
Computer science
Computer software and media applications
Computer systems analysis
Computer systems networking and telecommunications
Data processing
Information sciences, studies
Information technology

B. Engineering

1. Aerospace, Aeronautical, and Astronautical Engineering
Aerodynamics
Aerospace engineering
Space technology

2. Bioengineering and Biomedical Engineering
Biological and biosystems engineering
Biomaterials engineering
Biomedical technology
Medical engineering

3. Chemical Engineering
Biochemical engineering
Chemical and biomolecular engineering
Engineering chemistry
Paper science
Petroleum refining process
Polymer, plastics engineering

4. Civil Engineering
Architectural engineering
Construction engineering
Engineering management, administration
Environmental, environmental health engineering
Geotechnical and geoenvironmental engineering
Sanitary engineering
Structural engineering
Surveying engineering
Transportation and highway engineering
Water resources engineering

5. Electrical, Electronic, and Communications Engineering
Communications engineering
Computer engineering
Computer hardware engineering
Computer software engineering
Electrical and electronics engineering
Laser and optical engineering
Power
Telecommunications engineering

6. Industrial and Manufacturing Engineering
Industrial engineering
Manufacturing engineering
Operations research
Systems engineering

7. Mechanical Engineering
Electromechanical engineering
Mechatronics, robotics, and automation engineering

8. Metallurgical and Materials Engineering
Ceramic sciences and engineering
Geophysical, geological engineering
Materials engineering
Metallurgical engineering
Mining and mineral engineering
Textile sciences and engineering
Welding

9. Other Engineering
Agricultural engineering
Engineering design
Engineering mechanics, physics, and science
Engineering physics
Engineering science
Forest engineering
Nanotechnology
Naval architecture and marine engineering
Nuclear engineering
Ocean engineering
Petroleum engineering

Other engineering fields that cannot be classified using the fields listed above

Examples of Disciplines: Geosciences, Atmospheric Sciences, and Ocean Sciences Fields of R&D

C. Geosciences, Atmospheric Sciences, and Ocean Sciences

1. Atmospheric Science and Meteorology
Aeronomy
Atmospheric chemistry and climatology
Atmospheric physics and dynamics
Extraterrestrial atmospheres
Meteorology
Solar
Weather modification

2. Geological and Earth Sciences
Earth and planetary sciences
Geochemistry
Geodesy and gravity
Geology
Geomagnetism
Geophysics and seismology
Hydrology and water resources
Minerology and petrology
Paleomagnetism
Paleontology
Physical geography
Stratigraphy and sedimentation
Surveying

3. Ocean Sciences and Marine Sciences
Biological oceanography
Geological oceanography
Marine biology
Marine oceanography
Marine sciences
Oceanography, chemical and physical

4. Other Geosciences, Atmospheric Sciences, and Ocean Sciences
Other fields that cannot be classified using the fields listed above

Examples of Disciplines: Life Sciences Fields of R&D

D. Life Sciences

1. Agricultural Sciences
Agricultural business and management
Agricultural chemistry
Agricultural engineering—report in Engineering
Agricultural production operations
Animal sciences
Applied horticulture and horticultural business services
Aquaculture
Food science and technology
International agriculture
Plant sciences
Soil sciences
Veterinary biomedical and clinical sciences
Veterinary medicine
Wood science

2. Biological and Biomedical Sciences
Allergies and immunology
Biochemistry, biophysics, and molecular biology
Biogeography
Biology and biomedical sciences, general

Biomathematics, bioinformatics, and computational biology
Biotechnology
Botany and plant biology
Cell, cellular biology, and anatomical sciences
Epidemiology, ecology and population biology
Foods, nutrition, and wellness studies
Genetics
Microbiological sciences and immunology
Molecular medicine
Neurobiology and neuroscience
Pharmacology and toxicology
Physiology, pathology and related sciences
Zoology, animal biology

3. Health Sciences
Advanced, graduate dentistry and oral sciences
Allied health and medical assisting services
Bioethics, medical ethics
Clinical medicine research
Clinical/medical laboratory science/research and allied professions

Communication disorders sciences and services
Dentistry
Dietetics and clinical nutrition services
Health and medical administrative services
Health, medical preparatory programs
Gerontology, health sciences
Kinesiology and exercise science
Medical clinical science, graduate medical studies
Medical illustration and informatics
Medicine
Mental health
Optometry
Osteopathic medicine, osteopathy
Pharmacy, pharmaceutical sciences, and administration
Podiatric medicine, podiatry
Public health
Radiological science

Registered nursing, nursing administration, nursing research and clinical nursing
Rehabilitation and therapeutic professions
Zoology

4. Natural Resources and Conservation
Fishing and fisheries sciences and management
Forestry
Natural resources conservation and research
Natural resources management and policy
Renewable natural resources
Wildlife and wildlands science and management

5. Other Life Sciences
Other life sciences that cannot be classified using the fields listed above

Examples of Disciplines: Mathematics and Statistics, Physical Sciences, and Psychology Fields of R&D

E. Mathematics and Statistics

Applied mathematics

Mathematics

Statistics

F. Physical Sciences

1. Astronomy and Astrophysics
Astronomy
Astrophysics
Planetary astronomy and science

2. Chemistry
(except Biochemistry—report in Biological and Biomedical Sciences)
Analytical chemistry
Chemical physics
Environmental chemistry
Forensic chemistry
Inorganic chemistry
Organic chemistry
Organo-metallic chemistry
Physical chemistry
Polymer chemistry+L60
Theoretical chemistry

3. Materials Science
Materials chemistry
Materials science

4. Physics
Acoustics
Atomic, molecular physics
Condensed matter and materials physics
Elementary particle physics
Mathematical physics
Nuclear physics
Optics, optical sciences
Plasma, high-temperature physics
Theoretical physics

5. Other Physical Sciences
Other physical sciences that cannot be classified using the fields listed above

G. Psychology

Clinical psychology

Counseling and applied psychology

Human development

Research and experimental psychology

Examples of Disciplines: Social Sciences and Other Sciences Fields of R&D

H. Social Sciences

1. Anthropology
Cultural anthropology
Medical anthropology
Physical and biological
anthropology

2. Economics
Agricultural economics
Applied economics
Business development
Development economics and
international development
Econometrics and quantitative
economics
Industrial economics
International economics
Labor economics

Managerial economics
Natural resources economics
Public finance and fiscal policy

**3. Political Science and
Government**
Comparative government
Government
Legal systems
Political economy
Political science
Political theory

**4. Sociology, Demography,
and Population Studies**
Comparative and historical
sociology
Complex organizations
Cultural and social structure
Demography and population
studies
Group interactions
Rural sociology
Social problems and welfare
theory
Sociology

5. Other Social Sciences
Archeology
Area, ethnic, cultural, gender,
and group studies
Cartography
Criminal science and
corrections
Criminology
Geography
Gerontology, social sciences
History and philosophy of
science and technology
International relations and
national security studies
Linguistics
Public policy analysis
Regional studies
Urban studies, affairs

I. Other Sciences

Use this category for R&D that involves at least one S&E field (rows A–H) if it is impossible to report multidisciplinary or interdisciplinary R&D expenditures in specific fields.

Examples of Disciplines: Non-S&E Fields of R&D

J. Non-S&E Fields

**1. Business
Management and
Business Administration**
Business administration
Business management
Business, managerial
economics
Management information
systems and services
Marketing management
and research

**2. Communication and
Communications
Technologies**
Communication and
media studies
Communications
technologies
Journalism
Radio, television, and
digital communication

3. Education
Education administration
and supervision
Education research
Teacher education,
specific levels and
methods
Teaching fields

4. Humanities
English language and
literature, letters
Foreign languages and
literatures
History
Humanities, general
Liberal arts and sciences
Philosophy and religious
studies
Theology and religious
vocations

5. Law
Law
Legal studies

6. Social Work
(no specific examples)

**7. Visual and
Performing Arts**
Drama, theatre arts and
stagecraft
Film, video, and
photographic arts
Fine and studio arts
Music

**8. Other Non-S&E
Fields**
Architecture
City, urban, community
and regional planning
Family, consumer
sciences and human
sciences
Landscape architecture
Library science
Military technology and
applied science
Parks, sports, recreation,
leisure and fitness
Public administration and
public affairs
Other non-S&E fields that
cannot be classified
using the fields listed
above
Also, use this category for
R&D that involves
multiple non-S&E fields if
it is impossible to report
multidisciplinary or
interdisciplinary R&D
expenditures in specific
fields.