PHRASE BANK: SIGNIFICANT CONTRIBUTIONS

Theses generic phrases can be used as is, modified, or used for inspiration to underline the significance of scholarly contributions.

Knowledge, expertise, and experience
  My expertize was *recognized by*
  This led to an *invited review/presentation*
  Committee membership on
  Funded by
  Lead, pioneered, spearheaded, chaired

Impact on Research
I. Novelty and Innovation
  This established for the *first time*
  Our team made the *unique* observation
  My team was the *first to demonstrate*
  This led to the *discovery* of
  This is the first use of [*new methodology*] in [field]

II. Advancement of knowledge
  Our work has provided a *better understanding* of [new theory/hypothesis]
  This work was *foundational* for several current research projects
  This is established as a *superior*
  This *complements*
  This *confirms/substantiates* previous findings and *contributes additional evidence for*
  We can *now*
  This suggests a *role* for [x] in [y]
  This *enhances* our understanding of
  Can be *applied to other*
  This contribution was *essential* to
  I have *extended* my research program to [*new territory*]

Quality of contributions
  This resulted in publications in [journals]
  A *top journal in* [field]
  A journal ranked [x] of [y] in [field]
  This is now well *accepted in the literature*
  This was *highlighted/featured* in a recent [editorial, letters, pre-publication, media coverage]
  Most downloaded/accessed
  Received *media interest* from
  This body of work has been *cited/used* in [policy, reports, by user groups]
  The article has been *cited* [quantity]
  The article has been for *cited for* [quality/impact indicator]

Importance to end users
  Results have *important implications* for
  Our [new methodology, findings] are now *used by others* [extensively/in a different field/applied]
  This has helped [end users] *reframe*
  This has led to research *collaborations* at/in/with [institution/country/community]
  Leads to [cost-effectiveness, savings, value, production, growth, practice, policy]
  Benefits [end user] in terms of
  Can be *applied to*
  Has generated *interest/support/funding* from [end user]

Most Significant Contributions Template

This template was designed to help explore, identify, and document the **significance and impact of scholarly contributions** for funding and award applications. It can also be used for career advancement and profile building.

Contribution (an activity, finding, body of work, or output contributing to the scholarly record)

Use a **title** to identify the contribution relevant to the application.

E.g. **Chemical analysis of rare materials using synchrotron techniques**

Description

Briefly describe what was done (Objectives and Methods).

E.g. *Synchrotron techniques were used to uncover carbon forms embedded deep within Martian rock.*

If applicable, identify the significance in the objectives and methods

- ☐ Important knowledge gap or need addressed
- ☐ Quality of methods
- ☐ Novelty in methods or new use for
- ☐ Innovation in methods or technology
- ☐ Unique Environment
- ☐ Key Collaborations
- ☐ Other:

Briefly describe what was found (Results)

E.g. We were able to discover what kind of molecule or crystal the carbon forms belonged to.

If applicable, identify the significance in the findings.

- ☐ New discovery
- ☐ Generated widespread interest
- ☐ Remarkably conclusive or validating
- ☐ Unanticipated or surpassed expectations
- ☐ Other:

Briefly describe what this means, allows, or leads to (Implications).

E.g. *This prevents the destruction of the samples and is highly desirable for other disciplines.*

Identify areas of significance or potential significance.

- ☐ Advances knowledge
- ☐ Enables other discoveries
- ☐ Has tangible benefits for society
- ☐ Demonstrates expertise or leadership/independence
- ☐ Other:

Next, add **significance statements** (e.g. see phase bank p.3) that will speak to the areas of significance identified. Support with tangible **impact indicators**. If applicable, refer to the **target audience** and tailor to the funder's **evaluation criteria** (p.2).

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Target Audience

When describing significance, keep in mind the end users and target sector(s):

- ☐ Academia: teaching/research (Advancement of knowledge)
- ☐ Practice/governance (Implementation and policy)
- ☐ Industry (Technological and economic benefits)
- ☐ Individuals/communities (Health and social benefits)

Notes:

Evaluation criteria

How is the contribution significant in terms of the funder's evaluation criteria?

- ☐ Independence/Leadership
- ☐ Influence on direction of thought
- ☐ Advancing understanding
- ☐ Innovation
- ☐ Quality
- ☐ Novelty
- ☐ Collaborations

- ☐ Training
- ☐ Experience in proposed area or methodology
- ☐ Expertise demonstrated by funding, quality, and/or impact
- ☐ Relevance and use by end users
- ☐ Societal impact
- ☐ Productivity
- ☐ Dissemination capability (KT)

Other:

Impact Indicators

Identify the relevant impact indicators resulting from the contribution.

INDICATORS		EXAMPLES
☐	Books	Authored chapters, editor, citation, award, courseware
☐	Change in understanding or awareness	Paradigm shifting, expands knowledge, leads to new terminology, approach, practice, or research direction, translational research, usability, policy, societal benefits, standards
☐	Collaborations	Type of relationship, new/enduring, sector, institutions, location
☐	Conferences	Meeting types, papers, posters, invited, keynote, panel, organized by the researcher
☐	Curriculum	Courseware, training materials, best practices
☐	Data	Research data repository, made public, shared data, databases
☐	Economic benefits	Leads to cost-effectiveness, savings, profit, production, growth, a spin-off or start-up
☐	Funding	Secured, invited to submit, featured by funding agency
☐	Grey literature	Reports, policy, trade pubs, slides, videos, supplements
☐	Intellectual property	Devices, tools, techniques, instruments, software, licenses, patents, formulations, repurposing, material transfer agreements, proof of concept, coding
☐	Media	News releases, broadcast, interviews, profile, social media activity
☐	Methodologies	Algorithms, frameworks, analysis, approaches, novel uses
☐	Outreach	Speaking engagements, expert advice, testimony, partnerships, KT
☐	Publications	Citations: quality (meta-analysis/systematic review, new field, soundness, foundational), quantity, leading journal in field, fast-track, editorial, open access (most downloaded, accessed)
☐	Research	Leads to additional, new or renewed research, trials
☐	Resources	Leads to new or enhanced resources or expertise
☐	Trainees	Involvement, HQP training program, awards, degrees, career advancement
☐	Other:	