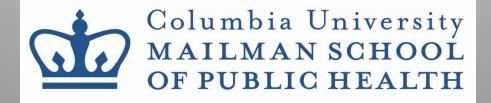# Brainstorming for new NIH Formats and Review Criteria

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Associate Dean for Research Resources

April 13, 2010

3:30-5:00, Room 923

Columbia University
MAILMAN SCHOOL
OF PUBLIC HEALTH

Mailman School Research Resources Office

Shorter Page Limits

Research Strategy:

- **6 pages: R03**, R13/U13, **R21**, R36, R41, R43, Fellowships (F), SC2, SC3

- **12 pages**: **R01**, single project U01, R10, R15, R18, U18, R21/R33, R24, R33, R34, U34, R42, R44, DP3, G08, G11, G13, UH2, UH3, SC1, X01

- **Other Activity Codes:** Follow funding opportunity Announcement (FOA) instructions

- **Complete Table of Page Limits:** http://enhancing-peer-review.nih.gov/page_limits.html

Restructured Research Strategy

- **"Research Strategy"**

  Will replace:

  - "Background and Significance"

  - "Preliminary Studies/Progress Report"

  - "Research Design and Methods"

- **New Subheadings are now:**

  - Significance

  - Innovation

  - Approach

Significance

- Explain the **importance** of the problem or **critical barrier to progress** in the field that the proposed project addresses.

- Explain how the proposed project will **improve scientific knowledge**, **technical capability**, and/or **clinical practice** in **one or more broad fields**.

- Describe how the concepts, methods, technologies, treatments, services, or preventative interventions that drive this **field will be changed** if the proposed aims are achieved.

Innovation

- Explain how the application **challenges** and seeks to **shift** current research or clinical practice paradigms.

- Describe any **novel** theoretical concepts, approaches or methodologies, instrumentation or intervention(s) to be developed or used, and **any advantage over existing** methodologies, instrumentation or intervention(s).

- Explain any **refinements, improvements, or new applications** of theoretical concepts, approaches or methodologies, instrumentation or interventions.

Approach

- Include **Preliminary Studies/Progress Report**
- Describe the **overall strategy**, **methodology**, **analyses** to be used.
- Include how the **data** will be collected, analyzed, and interpreted and any resource sharing plans.
- Discuss **potential problems**, **alternative strategies**, and **benchmarks for success** anticipated to achieve the aims.
- If the project is in the early stages of development, describe any **strategy to establish feasibility**, and address the **management of any high risk aspects** of the proposed work.