

**“Roadmap to R1” webinar Q&A  
May 6,2021**

How is STEM defined for Carnegie purposes?

Disciplines are categorized by the [CCHE2018 CIPMap](#)

How are degree programs counted (in the R1 metrics) that are administered in partnership with other universities?

We are still waiting for a response from Carnegie. Will update.

It is great that our research grants & expenditures in the past year increased by 40-50% in the past year. Can you tell us what the main factors are for the big increase?

Larger proposals. Excellent faculty with successful proposals. Excellent support from the Colleges.

Universities that recently achieved R1 status (e.g., UNLV and UTEP) upgraded teaching schedules to include a M/W option (similar to T/TH). This move helped faculty better balance workloads, providing more time for research and write grant proposals. Will S&T consider this option to bolster our collective efforts towards R1?

This is an issue to be addressed by the Colleges.

What are the reasons not to hire fresh active graduate students as faculty members?

Departments do hire PhD graduates as faculty members.

Do department of education grants count as STEM?

What counts is the department to which the grants are directed. The agency is not relevant.

Roadmap documents are great. Research staff is included in today's presentation. Should we also talk about other supporting elements: IT, library, etc. soon?

There is no question that going into new areas will require new collections in the Library, possibly additional IT support, facilities, maybe additional staffing. It will have to be a University-wide effort.

Linguistics - is it counted as STEM?

According to by the [CCHE2018\\_CIPMap](#) (see above) they are Humanities.

Who is the PI of the \$25M critical infrastructure effort?

Dr. Genda Chen

Any correlation between USNEWS ranking and R1 ranking?

The USNWR University rankings are focused on different metrics than the Carnegie rankings.

How many non-STEM PHD programs do you believe is realistic and ideal? Should it just be the large one located in Kummer, or two - one in Kummer and one in Education, or should it be more than that? What is the vision?

After the Kummer College is established we will work with the Chancellor, the Provost, the Deans,

and KI to determine this. At the same time we can move forward with plans for doctoral degrees that do not involve the Kummer College, such as the one possible with WUSTL.

Thanks for the presentation! What is our plan for supporting current and new research initiatives in terms of resources like academic journal subscriptions?

This is a very important question. New research areas will require support from the Library, IT, Enrollment Management, etc. It will have to be a thoughtful process.

Other than the prestige, why is the R1 classification worth the effort?

It is part of our strategic vision, and our long term goals. R1 classification defines the top Universities for research and graduate education. It is where we deserve to be.

Just so you know, we are working towards creating a new Ph.D. program in Bioengineering. Great news. Thank you.

Many of our graduate students are international students, and we want to increase the number of PhD students. PhD students are sensitive to internship opportunities. However, International affairs office only offer unidirectional communication to the faculties. Are there any plans to improve the communication between IA Office and Faculties?

I will defer this to our IA office.

When we are expecting to be R1?

Since establishing PhD programs and graduating doctoral students will take 5-6 years, this is, I believe, our horizon.

If new interdisciplinary (STEM-nonSTEM) PhD programs were to be proposed in the future, would this help us improve on our nonSTEM PhD count within the R1 metrics?

It is possible, assuming these degrees "count" as non-STEM. Please see a previous response on what Carnegie counts as such.

What logistical barriers do you see for increased faculty productivity? How do we remove these barriers?

As a VCR my goal is to lower barriers that are associated with bringing faculty together to go after large interdisciplinary efforts, and support our faculty through OSP, proposal writers, training, compliance, etc.

Thank you Costas. Great to see how we stack up to R1

You are welcome.