MEMORANDUM

To: Julio Frenk
            University President

From: Linda L. Neider
            Chair, Faculty Senate

Date: November 22, 2019

Subject: Faculty Senate Legislation #2019-36(B) – Rename the University of Miami Center for Computational Science to the Miami Institute for Data Science and Computing (iDSC) (a University-wide Institute)

[Addendum to Annual Review of Centers Legislation #2019-06B)]

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The Faculty Senate, at its November 20, 2019 meeting, unanimously approved the renaming of the University of Miami Center for Computational Science to the Miami Institute for Data Science and Computing (iDSC). As noted in the proposal, this transition leverages the existing CCS platform to develop an institute that will be an innovative leader in data science and computing, encompassing research, workforce training, ethical and responsible methodologies, and service through cross-disciplinary, industrial, and governmental collaborations, and interactions with local and global communities.

This change does not create an undue overlap with titles of other existing programs. The name change is also consistent with the University Roadmap in which a number of related institutes, in critical STEM opportunity areas, are identified and realized.

The proposal is enclosed for your reference.

This legislation is now forwarded to you for your action.

LLN/ss/rh

cc: Jeffrey Duerk, Executive Vice President and Provost
      All Academic Deans

CAPSULE: Faculty Senate Legislation #2019-36(B) – Rename the University of Miami
Center for Computational Science to the Miami Institute for Data Science and
Computing (iDSC) (a University-wide Institute)

[Addendum to Annual Review of Centers Legislation #2019-06B)]

PRESIDENT'S RESPONSE

APPROVED: _____ DATE: 12/17/19
       (President's Signature)

OFFICE OR INDIVIDUAL TO IMPLEMENT: Office of the Provost, EVP for Academic Affairs & Provost, Jeffrey Duerk

EFFECTIVE DATE OF LEGISLATION: _____IMMEDIATELY_____
(pending any additional approval by the Board of Trustees)

NOT APPROVED AND REFERRED TO: _____

REMARKS (IF NOT APPROVED):_____

MEMORANDUM

November 5, 2019

To: Linda Neider, Faculty Senate Chair

From: Jeffrey L. Duerk, Ph.D
          Executive Vice President for Academic Affairs and Provost

Subject: Proposal to Rename the Center for Computational Science to the
          Miami Institute for Data Science and Computing (iDSC).

The Center for Computational Science was established in 2007 to provide intellectual expertise as well as hardware and software resources to partners across the University of Miami. CCS has been successful in designing a cyber infrastructure that addresses major data-driven research challenges in fields such as smart cities, big data analytics, precision/genomic medicine, climate change and environmental hazards, and social systems informatics.

In today's world, the volume, variety, and velocity of data have risen to unprecedented heights. The large and ever changings amounts of data generated every day have the potential to cause disruptive transformations to the world, but they also create numerous opportunities for innovation. CCS is poised to expand its scope and mission beyond the bold challenges already embraced to include additional focus areas in computational and data science, bringing together diverse and multi-disciplinary research domains that combine computer science, information design and communication, and artificial intelligence, with health and related scientific fields as well as architecture, humanities, and the arts. This expanded scope applies data-driven approaches to offer creative solutions to the most pressing societal challenges and offers new opportunities in emerging field including digital humanities, digital pedagogies, among others.

Acknowledging this extraordinary potential of this explosion of data and computing in every field, **the Provost of the University of Miami proposes the renaming of the Center for Computational Science to the Miami Institute for Data Science and Computing (iDSC)**. This transition leverages the existing CCS platform to develop an

institute that will be an innovative leader in data science and computing — encompassing research, workforce training, ethical and responsible methodologies, and service—through cross-disciplinary, industrial, and governmental collaborations, and interactions with local and global communities. This change does not create an undue overlap with titles of other existing programs. In addition, the Executive Committee and the Director of CCS have unanimously approved the proposed name change, as have the academic deans of the University. The name change is also consistent with the University Roadmap in which a number of related institutes, in critical STEM opportunity areas, are identified and realized.