



MEMORANDUM

To: Michael Lightner, PhD
Vice President for Academic Affairs

From: Terry Potter, PhD
Associate Vice Chancellor for Academic Planning

Date: July 29, 2016

Re: Annual Report – Academic Program Review 2015-2016

Here is the annual Program Review report, including required attachments, and the list of New Degree Programs for the University of Colorado Denver | Anschutz Medical Campus.

Introduction

This annual report on Academic Program Review provides detailed information on the University's program review processes mandated by the Administrative Policy Statement 1019 "*Implementation of Regent Policy on Program Review.*" The policy requires the following items in an annual status report:

- **Program Reviews** – Programs scheduled for review are listed and the completed reviews are attached;
- **Progress Reports** – Progress reports are required for departments/schools whose reviews were submitted within the past three years; and,
- **Program Review Schedule** – The schedule identifies the programs to be reviewed in 2016-2017 and an updated list through 2022-2023.

The attached program review materials attest that the University conducts thorough and meaningful academic program reviews in a timely manner and that the reviews are used for future planning through the development and monitoring of action plans.

Policy Implementation

This was the seventh year the University of Colorado Denver | Anschutz Medical Campus operated under its new program review policy. The program review process continues to work well, although we continue to make minor adjustments and improvements as needed. The members of the Program Review Panel worked hard and have not only contributed to the final reports but also learned more about our University that will benefit them in their

home departments, as well as facilitate communication and collaboration across the University. We remain committed to the program review process which seeks to strengthen the University's educational, research, and service activities.

Program Review Reports 2015-2016

Business School

College of Liberal Arts and Sciences

Chemistry

Geography and Environmental Sciences

Integrated Sciences MS

Integrative Biology

Mathematical and Statistical Sciences, including the Center for Computational

Mathematics and the Center for Computational and Mathematical Biology

Psychology

School of Medicine

Physical Medicine and Rehabilitation

Skaggs School of Pharmacy and Pharmaceutical Sciences

Progress Reports 2016

Departments and units that are reviewed formulate action plans and are required to submit progress reports for the next three years following the review. Copies of the progress reports for the following are attached, unless noted otherwise.

College of Architecture and Planning

College of Arts and Media

College of Engineering and Applied Science

College of Liberal Arts and Sciences

Anthropology

Communication

Economics

English

Ethnic Studies

Health and Behavioral Sciences

History

Humanities and Social Sciences MS

Modern Languages

Philosophy

Political Science

Sociology

Colorado School of Public Health

Biostatistics and Informatics

Community and Behavioral Health

Environmental and Occupational Health

Epidemiology
Health Systems, Management and Policy
Graduate School
Cell Biology, Stem Cells, and Development PhD
Clinical Science PhD and MSCS
Computational Bioscience PhD
Human Medical Genetics and Genomics PhD
Molecular Biology PhD
Neuroscience PhD
School of Education and Human Development
School of Medicine
Biochemistry and Molecular Genetics
Family Medicine
Medicine
Neurosurgery
Orthopedics
Otolaryngology
Pediatrics
Pharmacology
Physiology and Biophysics
Surgery
Health Sciences Library
Centers and Institutes
Center for Bioethics and Humanities
Center for Global Health
Center for Public Health Practice
Centers for American Indian and Alaska Native Health
CU Cardiovascular Institute
Gates Center for Regenerative Medicine and Stem Cell Biology

Program Review Schedule for 2016-2017

The Schedule of Program Reviews includes a complete listing of upcoming reviews for all programs, including those being reviewed in 2016-2017. Most of the University's centers, institutes, and graduate programs are reviewed as part of the review of their "home" unit or as a formal grant renewal review, however some of these programs undergo independent review. In 2009 we added interdisciplinary graduate programs and a number of centers that span traditional departmental or organizational lines to the program review schedule. By adding independent reviews for those programs that span across organizations, we have a more thorough assessment of all of the University's academic endeavors.

Programs scheduled for review in 2016-2017 are as follows:

- Cancer Biology PhD (Graduate School)
- Emergency Medicine (School of Medicine)
- Ophthalmology (School of Medicine)
- Pathology (School of Medicine)
- Psychiatry (School of Medicine)

- Radiology (School of Medicine)
- Center for Children's Surgery
- Center on Aging
- Colorado AHEC System
- Crnic Institute for Down Syndrome

Attachments:

1. List of New Programs or Discontinuances
2. Schedule of Upcoming Academic Program Reviews
3. Academic Program Review Reports Completed in 2015-2016
 - a. Business School
 - b. College of Liberal Arts and Sciences
 - Chemistry
 - Geography and Environmental Sciences
 - Integrated Sciences MS
 - Integrative Biology
 - Mathematical and Statistical Sciences, including the Center for Computational Mathematics and the Center for Computational and Mathematical Biology
 - Psychology
 - c. School of Medicine
 - Physical Medicine and Rehabilitation
 - d. Skaggs School of Pharmacy and Pharmaceutical Sciences
4. Academic Program Review Progress Reports
 - a. College of Architecture and Planning
 - b. College of Arts and Media
 - c. College of Engineering and Applied Science
 - d. College of Liberal Arts and Sciences
 - Anthropology
 - Communication
 - Economics
 - English
 - Ethnic Studies
 - Health and Behavioral Sciences
 - History
 - Humanities and Social Sciences MS
 - Modern Languages
 - Philosophy
 - Political Science
 - Sociology
 - e. Colorado School of Public Health
 - Biostatistics and Informatics
 - Community and Behavioral Health
 - Environmental and Occupational Health
 - Epidemiology
 - Health Systems, Management and Policy
 - f. Graduate School
 - Cell Biology, Stem Cells, and Development PhD
 - Clinical Science PhD and MSCS
 - Computational Bioscience PhD
 - Human Medical Genetics and Genomics PhD
 - Molecular Biology PhD
 - Neuroscience PhD
 - g. School of Education and Human Development
 - h. School of Medicine
 - Biochemistry and Molecular Genetics
 - Family Medicine
 - Medicine
 - Neurosurgery
 - Orthopedics
 - Otolaryngology
 - Pediatrics
 - Pharmacology

- Physiology and Biophysics
- Surgery
- i. Health Sciences Library
- j. Centers and Institutes
 - Center for Bioethics and Humanities
 - Center for Global Health
 - Center for Public Health Practice
 - Centers for American Indian and Alaska Native Health
 - CU Cardiovascular Institute
 - Gates Center for Regenerative Medicine and Stem Cell Biology

CC with all Attachments:

Provost and Executive Vice Chancellor for Academic and Student Affairs Roderick Nairn

CC with Attachments 1 and 2:

Chancellor Donald M. Elliman, Jr.
Chancellor Dorothy A. Horrell
Dean Ralph Altieri
Dean David Engelke
Dean Mark Gelernter
Dean David Goff, Jr.
Dean Marc Ingber
Dean Pamela Jansma
Dean Rebecca Kantor
Dean Laurence Kaptain
Dean Denise Kassebaum
Interim Dean Gary Kochenberger
Dean John J. Reilly, Jr.
Assistant Vice Chancellor Christine Stroup-Benham
Dean Paul Teske
Dean Sarah Thompson



University of Colorado
Denver | Anschutz Medical Campus

**NEW DEGREE PROGRAMS,
RESTRUCTURING, DEVELOPING OR PROGRAM ELIMINATIONS
FOR AY 2016-17 AND BEYOND**

New Program Proposals Planned for Submission in 2016-17

Computer Science and Health Informatics MS
Health Economics PhD
Human Development and Family Relationships BS
Research Administration MS
Statistics MS

New Program Proposals for submission in 2017-18 and Beyond

Biomedical Visualization MS

Degree Program Transfers

None at this time

Degree Program Eliminations

None at this time

SCHEDULE OF PROGRAM REVIEWS

2016 – 2017

Cancer Biology PhD/Grad
Emergency Medicine/SOM
Ophthalmology/SOM
Pathology/SOM
Psychiatry/SOM
Radiology/SOM
Center for Children’s Surgery/SOM
Center on Aging/VCHA
Colorado AHEC System/VCHA
Crnic Institute for Down Syndrome/SOM

2017 – 2018

College of Nursing
School of Public Affairs
Anesthesiology/SOM
Dermatology/SOM
Immunology & Microbiology/SOM
Physics/CLAS
Radiation Oncology/SOM
Auraria Library/VCAA
Latino/a Research & Policy Center/CSPH

2018 – 2019

School of Dental Medicine
Cell & Developmental Biology/SOM
Neurology/SOM
Obstetrics & Gynecology/SOM

2019 – 2020

School of Education & Human Development
Biochemistry & Molecular Genetics/SOM
Biostatistics & Informatics/CSPH
Clinical Science PhD & MSCS/Grad
Epidemiology/CSPH
Family Medicine/SOM
Otolaryngology/SOM
Pharmacology/SOM
Center for Global Health/CSPH
CU Cardiovascular Institute/SOM
Health Sciences Library/VCAA

2020 – 2021

College of Arts & Media
College of Engineering & Applied Science
Anthropology/CLAS
Cell Biology, Stem Cells, & Development
PhD/Grad
Community & Behavioral Health/CSPH
Computational Bioscience PhD/Grad

Economics/CLAS
Ethnic Studies/CLAS
Health & Behavioral Sciences/CLAS
Human Medical Genetics & Genomics PhD/Grad
Orthopedics/SOM
Pediatrics/SOM
Center for Public Health Practice/CSPH
**Centers for American Indian & Alaska
Native Health (CAIANH)/CSPH**

2021 – 2022

College of Architecture & Planning
Communication/CLAS
English/CLAS
Environmental & Occupational Health/CSPH
Health Systems, Management & Policy/CSPH
History/CLAS
Humanities & Social Sciences MS/CLAS
Medicine/SOM
Modern Languages/CLAS
Molecular Biology PhD/Grad
Neuroscience PhD/Grad
Neurosurgery/SOM
Philosophy/CLAS
Physiology & Biophysics/SOM
Political Science/CLAS
Reproductive Sciences PhD/Grad
Sociology/CLAS
Surgery/SOM
Center for Bioethics & Humanities/VCHA
Gates Ctr Reg Med & Stem Cell Bio/SOM

2022 – 2023

Business School
Chemistry/CLAS
Geography & Environmental Sciences/CLAS
Integrated Sciences/CLAS
Integrative Biology/CLAS
Mathematical & Statistical Sciences/CLAS
Physical Medicine & Rehabilitation/SOM
Psychology/CLAS
**Skaggs School of Pharmacy &
Pharmaceutical Sciences**
**Center for Computational & Mathematical
Biology/CLAS**
Center for Computational Mathematics/CLAS